

		G02B26/10 OR G02B5/3025 OR G02B27/02 OR G02B27/028 OR G02B30/24 OR G02B27/4272 OR G02B5/32 OR G02B6/0065 OR G02B27/0149 OR G02B2027/0114 OR G02B6/00 OR G02B7/04 OR G02B6/0068 OR G02B27/286 OR G02B6/10 OR G02B2027/0116 OR G02B26/105 OR G02B6/0088 OR G02B2027/0161 OR G02B30/27 OR G02B5/08 OR G02B6/0001 OR G02B2027/0105 OR G02B21/365 OR G02B6/0011 OR G02B6/0023 OR G02B5/1866 OR G02B7/023 OR G02B27/42 OR G02B30/40 OR G02B27/00 OR G02B27/0018 OR G02B7/021 OR G02B7/102 OR G02B7/12 OR G02B9/64 OR G02B2027/0198 OR G02B27/4227 OR G02B6/0053 OR G02B6/0055 OR G02B7/02 OR G02B3/0006 OR G02B5/1871 OR G02B6/003 OR G02B13/009 OR G02B13/18 OR G02B2027/0163 OR G02B13/004 OR G02B26/005 OR G02B7/008 OR G02B3/0062 OR G02B9/60 OR G02B3/0056 OR G02B6/0028 OR G02B27/1086 OR G02B5/1823 OR G02B6/29325 OR G02B9/62 OR				
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		G02B13/0035 OR G02B13/02 OR G02B21/06 OR G02B26/0875 OR G02B30/00 OR G02B6/0018 OR G02B6/006 OR G02B2027/0136 OR G02B5/18 OR G02B5/3083 OR G02B26/004 OR G02B30/23 OR G02B5/005 OR G02B6/0051 OR G02B7/28 OR G02B3/0075 OR G02B2027/0107 OR G02B2027/013 OR G02B2027/0194 OR G02B5/1842 OR G02B5/20 OR G02B6/002 OR G02B21/0012 OR G02B26/06 OR G02B27/0103 OR G02B2027/0129 OR G02B26/0841 OR G02B3/12 OR G02B1/002 OR G02B1/11 OR G02B30/25 OR G02B5/201 OR G02B2027/0143 OR G02B27/0955 OR G02B6/0026 OR G02B9/34 OR G02B1/041 OR G02B13/14 OR G02B26/026 OR G02B26/0825 OR G02B27/0977 OR G02B3/0043 OR G02B5/223 OR G02B9/12 OR G02B2027/0183 OR G02B26/02 OR G02B30/56 OR G02B2027/0158 OR G02B26/00 OR G02B6/0031 OR G02B6/0056 OR G02B6/4204 OR G02B13/00 OR G02B27/0025 OR G02B5/3016 OR G02B6/0078 OR G02B19/0057 OR G02B6/0083 OR					
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		G02B6/0085 OR G02B9/04 OR G02B13/0065 OR G02B17/086 OR G02B26/007 OR G02B27/10 OR G02B30/52 OR G02B6/0021 OR G02B21/025 OR G02B3/0031 OR G02B30/31 OR G02B30/35 OR G02B30/36 OR G02B7/002 OR G02B26/0816 OR G02B27/0916 OR G02B3/08 OR G02B7/003 OR G02B27/0037 OR G02B27/44 OR G02B3/0037 OR G02B6/0025 OR G02B6/0061 OR G02B13/001 OR G02B13/0015 OR G02B13/007 OR G02B27/0006 OR G02B27/48 OR G02B3/02 OR G02B30/33 OR G02B6/2706 OR G02B6/32 OR G02B2027/0145 OR G02B26/08 OR G02B27/64 OR G02B5/04 OR G02B6/0045 OR G02B6/124 OR G02B19/0066 OR G02B21/36 OR G02B21/362 OR G02B27/102 OR G02B3/00 OR G02B3/0068 OR G02B5/1847 OR G02B5/1852 OR G02B6/12007 OR G02B6/122 OR G02B13/008 OR G02B19/0076 OR G02B23/18 OR G02B27/0189 OR G02B27/20 OR G02B27/62 OR G02B3/04 OR G02B30/10 OR G02B5/1861 OR G02B5/23 OR					
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		G02B6/0033 OR G02B6/0046 OR G02B7/34 OR G02B13/003 OR G02B15/142 OR G02B19/009 OR G02B2003/0093 OR G02B2027/0196 OR G02B25/001 OR G02B27/0972 OR G02B27/1033 OR G02B27/141 OR G02B27/425 OR G02B30/30 OR G02B6/0006 OR G02B6/0008 OR G02B6/0073 OR G02B6/009 OR G02B6/02085 OR G02B6/29316 OR G02B6/29328 OR G02B6/4206 OR G02B6/443 OR G02B6/4471 OR G02B7/028 OR G02B9/36 OR G02B1/10 OR G02B13/002 OR G02B13/006 OR G02B15/00 OR G02B15/10 OR G02B15/20 OR G02B17/0605 OR G02B19/0028 OR G02B19/0047 OR G02B2027/0109 OR G02B27/04 OR G02B27/144 OR G02B3/0087 OR G02B30/50 OR G02B5/10 OR G02B7/10 OR G02B13/0055 OR G02B13/04 OR G02B17/06 OR G02B17/08 OR G02B27/0961 OR G02B27/281 OR G02B5/0252 OR G02B5/12 OR G02B5/1809 OR G02B5/26 OR G02B5/281 OR G02B6/001 OR G02B6/02 OR G02B6/105 OR G02B7/182 OR G02B7/36).cpc.)					
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L1916	2320	L16 AND (G02C11/10 OR G02C11/06 OR G02C7/04 OR G02C7/101 OR G02C11/00 OR G02C5/143 OR G02C5/14 OR G02C7/083 OR G02C11/04 OR G02C5/001 OR G02C5/146 OR G02C2200/02 OR G02C3/003 OR G02C5/16 OR G02C5/22 OR G02C7/086 OR G02C5/02 OR G02C7/06 OR G02C2200/08 OR G02C7/16 OR G02C7/02 OR G02C5/20 OR G02C9/00 OR G02C5/12 OR G02C7/00 OR G02C7/085 OR G02C13/003 OR G02C9/04 OR G02C7/08 OR G02C7/081 OR G02C2202/10 OR G02C7/12 OR G02C2200/10 OR G02C2202/24 OR G02C7/049 OR G02C5/124 OR G02C5/2227 OR G02C5/2254 OR G02C1/00 OR G02C1/06 OR G02C1/10 OR G02C2200/06 OR G02C2200/18 OR G02C7/102 OR G02C11/08 OR G02C7/104 OR G02C2202/22 OR G02C5/2209 OR G02C5/2218 OR G02C7/088 OR G02C7/105 OR G02C3/006 OR G02C7/021 OR G02C9/02 OR G02C11/02 OR G02C5/2263 OR G02C2200/26 OR G02C5/122 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 04:39 PM
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L1917	9092	G02C7/10).cpc.) L18 AND ((G02B27/017 OR G02B2027/0178 OR G02B27/0172 OR G02B2027/014 OR G02B2027/0138 OR G02B2027/0187 OR G02B27/0093 OR G02B27/0176 OR G02B2027/0134 OR G02B2027/0141 OR G02B27/01 OR G02B2027/0118 OR G02B27/0179 OR G02B27/0101 OR G02B2027/0127 OR G02B2027/0174 OR G02B2027/0132 OR G02B2027/0123 OR G02B2027/0156 OR G02B2027/0185 OR G02B2027/0147 OR G02B6/34 OR G02B26/001 OR G02B13/0045 OR G02B27/0081 OR G02B26/101 OR G02B27/646 OR G02B6/005 OR G02B2027/0112 OR G02B2027/0125 OR G02B27/022 OR G02B30/34 OR G02B27/0075 OR G02B2027/0169 OR G02B7/09 OR G02B2027/0181 OR G02B13/06 OR G02B27/028 OR G02B2027/0154 OR G02B5/208 OR G02B27/4205 OR G02B5/30 OR G02B6/0035 OR G02B26/0833 OR G02B5/3025 OR G02B27/283 OR G02B6/0036 OR G02B6/0038 OR G02B6/0076 OR G02B6/10 OR G02B6/0001 OR G02B2027/012 OR G02B2027/011 OR G02B27/286 OR G02B2027/0114 OR G02B27/42 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 04:39 PM
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		G02B5/32 OR G02B7/023 OR G02B2027/0105 OR G02B27/4227 OR G02B3/14 OR G02B9/64 OR G02B30/24 OR G02B6/0016 OR G02B6/0023 OR G02B7/08 OR G02B13/004 OR G02B27/0018 OR G02B27/30 OR G02B7/021 OR G02B5/08 OR G02B6/0068 OR G02B9/60 OR G02B7/02 OR G02B27/02 OR G02B27/00 OR G02B30/40 OR G02B7/008 OR G02B6/0053 OR G02B26/10 OR G02B26/105 OR G02B27/1086 OR G02B5/1823 OR G02B5/1857 OR G02B5/1866 OR G02B5/1871 OR G02B6/29325 OR G02B9/62 OR G02B2027/0161 OR G02B5/005 OR G02B13/02 OR G02B13/009 OR G02B7/102 OR G02B2027/0159 OR G02B30/00 OR G02B2027/015 OR G02B3/0006 OR G02B6/0055 OR G02B6/0088 OR G02B2027/0136 OR G02B21/365 OR G02B6/003 OR G02B2027/0194 OR G02B2027/0198 OR G02B6/0011 OR G02B6/0065 OR G02B7/04 OR G02B2027/0163 OR G02B21/06 OR G02B5/3083 OR G02B9/34 OR G02B13/18 OR G02B27/0977 OR G02B6/00 OR				
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		G02B2027/013 OR G02B27/0149 OR G02B27/4272 OR G02B2027/0152 OR G02B5/201 OR G02B6/0051 OR G02B1/002 OR G02B5/20 OR G02B7/12 OR G02B26/0841 OR G02B27/0025 OR G02B27/0955 OR G02B1/041 OR G02B26/005 OR G02B30/56 OR G02B2027/0183 OR G02B27/0103 OR G02B13/0065 OR G02B26/00 OR G02B26/007 OR G02B26/026 OR G02B30/23 OR G02B30/52 OR G02B7/28 OR G02B2027/0116 OR G02B6/0018 OR G02B6/002 OR G02B6/0028 OR G02B6/0078 OR G02B9/04 OR G02B19/0057 OR G02B27/0916 OR G02B5/3016 OR G02B2027/0107 OR G02B2027/0129 OR G02B3/02 OR G02B5/223 OR G02B6/0056 OR G02B6/2706 OR G02B13/00 OR G02B13/001 OR G02B13/0035 OR G02B26/004 OR G02B30/27 OR G02B6/0021 OR G02B2027/0143 OR G02B26/0825 OR G02B3/00 OR G02B3/08 OR G02B6/32 OR G02B7/002 OR G02B13/0015 OR G02B13/008 OR G02B27/0037 OR G02B30/35 OR G02B6/0031 OR G02B6/0033 OR G02B1/11 OR					
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		G02B13/003 OR G02B13/14 OR G02B19/009 OR G02B26/0816 OR G02B27/0006 OR G02B27/10 OR G02B27/102 OR G02B3/0037 OR G02B3/0056 OR G02B30/36 OR G02B5/04 OR G02B5/18 OR G02B6/0006 OR G02B6/0008 OR G02B6/0025 OR G02B6/009 OR G02B6/12007 OR G02B6/29316 OR G02B6/29328 OR G02B6/4204 OR G02B6/443 OR G02B6/4471 OR G02B9/36 OR G02B13/002 OR G02B13/006 OR G02B15/142 OR G02B17/0605 OR G02B2027/0145 OR G02B27/141 OR G02B27/64 OR G02B3/0068 OR G02B6/0073 OR G02B7/10 OR G02B9/12 OR G02B17/086 OR G02B27/425 OR G02B27/48 OR G02B3/12 OR G02B30/25 OR G02B5/26 OR G02B6/006 OR G02B6/0083 OR G02B6/105 OR G02B6/124 OR G02B7/003 OR G02B7/182 OR G02B27/0068 OR G02B27/0972 OR G02B27/144 OR G02B5/23 OR G02B6/001 OR G02B6/0046 OR G02B13/04 OR G02B15/10 OR G02B17/08 OR G02B2027/0196 OR G02B26/08 OR G02B27/0961 OR					
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L1918	2121	G02B27/1033 OR G02B27/281 OR G02B3/0087 OR G02B30/10 OR G02B5/124 OR G02B6/0015 OR G02B6/0086 OR G02B6/02066 OR G02B6/29356 OR G02B6/325 OR G02B6/4206 OR G02B7/285 OR G02B13/0005 OR G02B13/0055 OR G02B2003/0093 OR G02B2027/0109 OR G02B23/00 OR G02B25/001 OR G02B27/005 OR G02B27/04 OR G02B27/149 OR G02B27/62 OR G02B30/31 OR G02B5/1809 OR G02B5/1842 OR G02B5/1847 OR G02B5/206 OR G02B6/0026 OR G02B6/0045 OR G02B6/122 OR G02B6/1221 OR G02B6/274 OR G02B6/2766 OR G02B6/42).cpc.) L18 AND (G02C11/10 OR G02C11/06 OR G02C7/04 OR G02C11/00 OR G02C7/101 OR G02C5/14 OR G02C5/143 OR G02C5/001 OR G02C5/146 OR G02C2200/02 OR G02C3/003 OR G02C5/22 OR G02C11/04 OR G02C7/083 OR G02C5/16 OR G02C2200/08 OR G02C5/12 OR G02C7/00 OR G02C9/00 OR G02C7/081 OR G02C5/02 OR G02C7/02 OR G02C2200/10 OR G02C7/049 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 04:39 PM
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L1919	0	G02C7/086 OR G02C7/12 OR G02C7/08 OR G02C9/04 OR G02C7/16 OR G02C1/00 OR G02C1/10 OR G02C7/06 OR G02C1/06 OR G02C7/104 OR G02C5/20 OR G02C2202/10 OR G02C7/021 OR G02C7/085 OR G02C9/02 OR G02C7/105 OR G02C5/006 OR G02C5/045 OR G02C7/022 OR G02C7/041 OR G02C7/10).cpc.) L31 AND ((G02B27/017 OR G02B2027/0178 OR G02B27/0172 OR G02B2027/014 OR G02B2027/0138 OR G02B2027/0187 OR G02B27/0093 OR G02B27/0176 OR G02B2027/0141 OR G02B2027/0134 OR G02B27/01 OR G02B27/0179 OR G02B27/0101 OR G02B2027/0127 OR G02B2027/0118 OR G02B2027/0174 OR G02B2027/0132 OR G02B2027/0185 OR G02B2027/0156 OR G02B2027/0123 OR G02B26/001 OR G02B13/0045 OR G02B6/34 OR G02B27/0081 OR G02B2027/0147 OR G02B26/101 OR G02B6/005 OR G02B2027/0112 OR G02B27/646 OR G02B27/022 OR G02B30/34 OR G02B2027/0125 OR G02B2027/0169 OR G02B7/09 OR G02B13/06 OR G02B2027/0181 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 04:39 PM
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		G02B27/028 OR G02B2027/0154 OR G02B27/0075 OR G02B5/208 OR G02B27/4205 OR G02B6/0036 OR G02B6/0038 OR G02B27/283 OR G02B6/0076 OR G02B5/3025 OR G02B6/10 OR G02B6/0001 OR G02B2027/012 OR G02B2027/0114 OR G02B27/42 OR G02B5/32 OR G02B7/023 OR G02B26/0833 OR G02B27/4227 OR G02B2027/0105 OR G02B6/0035 OR G02B9/64 OR G02B5/30 OR G02B13/004 OR G02B27/0018 OR G02B27/30 OR G02B30/24 OR G02B5/08 OR G02B6/0016 OR G02B6/0023 OR G02B6/0068 OR G02B9/60 OR G02B27/286 OR G02B7/02 OR G02B7/021 OR G02B2027/011 OR G02B27/02 OR G02B30/40 OR G02B7/008 OR G02B26/10 OR G02B26/105 OR G02B27/1086 OR G02B5/1823 OR G02B5/1857 OR G02B5/1866 OR G02B5/1871 OR G02B6/0053 OR G02B6/29325 OR G02B7/08 OR G02B9/62 OR G02B5/005 OR G02B13/02 OR G02B7/102 OR G02B2027/0161 OR G02B3/14 OR G02B2027/0159 OR G02B27/00 OR G02B30/00 OR				
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		G02B2027/015 OR G02B21/365 OR G02B6/0055 OR G02B6/0088 OR G02B13/009 OR G02B2027/0198 OR G02B7/04 OR G02B2027/0136 OR G02B2027/0163 OR G02B2027/0194 OR G02B21/06 OR G02B6/0011 OR G02B6/0065 OR G02B9/34 OR G02B13/18 OR G02B2027/013 OR G02B27/0149 OR G02B27/0977 OR G02B5/3083 OR G02B5/201 OR G02B6/0051 OR G02B1/002 OR G02B3/0006 OR G02B5/20 OR G02B26/0841 OR G02B27/0955 OR G02B7/12 OR G02B1/041 OR G02B2027/0152 OR G02B27/0025 OR G02B2027/0183 OR G02B26/005 OR G02B27/0103 OR G02B27/4272 OR G02B6/00 OR G02B13/0065 OR G02B26/00 OR G02B26/007 OR G02B26/026 OR G02B30/23 OR G02B30/52 OR G02B2027/0116 OR G02B30/56 OR G02B6/0078 OR G02B9/04 OR G02B19/0057 OR G02B27/0916 OR G02B6/0028 OR G02B6/003 OR G02B2027/0107 OR G02B6/0018 OR G02B6/002 OR G02B2027/0129 OR G02B3/02 OR G02B5/3016 OR G02B6/0056 OR G02B13/0035 OR G02B6/0021 OR					
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		G02B6/2706 OR G02B13/00 OR G02B26/004 OR G02B3/08 OR G02B13/0015 OR G02B13/008 OR G02B2027/0143 OR G02B27/0037 OR G02B6/0031 OR G02B6/0033 OR G02B7/002 OR G02B7/28 OR G02B13/003 OR G02B13/14 OR G02B19/009 OR G02B27/0006 OR G02B27/102 OR G02B3/00 OR G02B3/0037 OR G02B3/0056 OR G02B30/36 OR G02B5/04 OR G02B5/223 OR G02B6/0025 OR G02B6/009 OR G02B6/12007 OR G02B6/29316 OR G02B6/29328 OR G02B9/36 OR G02B1/11 OR G02B13/002 OR G02B15/142 OR G02B2027/0145 OR G02B27/141 OR G02B3/0068 OR G02B6/0073 OR G02B9/12 OR G02B13/001 OR G02B13/006 OR G02B17/086 OR G02B27/425 OR G02B27/48 OR G02B27/64 OR G02B3/12 OR G02B30/25 OR G02B30/35 OR G02B5/18 OR G02B6/0083 OR G02B6/124 OR G02B6/32 OR G02B7/10 OR G02B7/182 OR G02B26/0816 OR G02B27/0068 OR G02B27/0972 OR G02B27/10 OR G02B5/26 OR G02B6/001 OR					
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		G02B6/006 OR G02B7/003 OR G02B13/04 OR G02B15/10 OR G02B17/08 OR G02B26/08 OR G02B27/0961 OR G02B27/281 OR G02B3/0087 OR G02B5/124 OR G02B6/0015 OR G02B6/0046 OR G02B6/0086 OR G02B6/29356 OR G02B6/4206 OR G02B13/0055 OR G02B17/0605 OR G02B2003/0093 OR G02B2027/0109 OR G02B23/00 OR G02B25/001 OR G02B27/005 OR G02B27/62 OR G02B30/27 OR G02B30/31 OR G02B5/1809 OR G02B5/1842 OR G02B5/1847 OR G02B5/206 OR G02B5/23 OR G02B6/0026 OR G02B6/0045 OR G02B6/122 OR G02B6/1221 OR G02B6/42 OR G02B7/285).cpc.)					
L1920	85	L31 AND ((G02C11/10 OR G02C11/06 OR G02C7/04 OR G02C11/00 OR G02C5/14 OR G02C7/101 OR G02C5/143 OR G02C5/001 OR G02C3/003 OR G02C5/146 OR G02C2200/02 OR G02C5/22 OR G02C11/04 OR G02C5/16 OR G02C7/083 OR G02C2200/08 OR G02C5/12 OR G02C9/00 OR G02C5/02 OR G02C2200/10 OR G02C7/081 OR G02C7/086 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 04:39 PM

L1921	6	G02C7/00 OR G02C7/02 OR G02C9/04 OR G02C7/16 OR G02C7/049 OR G02C1/00 OR G02C1/10 OR G02C7/06 OR G02C7/08 OR G02C1/06 OR G02C5/20 OR G02C7/021 OR G02C7/12 OR G02C2202/10 OR G02C7/085 OR G02C5/006 OR G02C9/02 OR G02C5/045 OR G02C7/10 OR G02C7/104).cpc.) L44 AND ((G02B27/017 OR G02B2027/0178 OR G02B27/0172 OR G02B2027/014 OR G02B2027/0138 OR G02B27/0093 OR G02B2027/0187 OR G02B27/0176 OR G02B2027/0127 OR G02B27/0101 OR G02B2027/0118 OR G02B2027/0134 OR G02B2027/0141 OR G02B27/0179 OR G02B2027/0156 OR G02B2027/0174 OR G02B2027/0132 OR G02B6/34 OR G02B2027/0123 OR G02B2027/0185 OR G02B27/01 OR G02B2027/0147 OR G02B27/4205 OR G02B26/101 OR G02B27/4227 OR G02B6/10 OR G02B2027/0105 OR G02B27/42 OR G02B26/001 OR G02B27/0081 OR G02B2027/0112 OR G02B13/0045 OR G02B2027/0169 OR G02B6/0001 OR G02B27/0075 OR G02B2027/0125 OR G02B27/028 OR	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
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		G02B27/646 OR G02B6/0035 OR G02B27/022 OR G02B5/30 OR G02B6/005 OR G02B2027/0181 OR G02B2027/012 OR G02B26/0833 OR G02B27/283 OR G02B6/0038 OR G02B13/06 OR G02B6/0036 OR G02B2027/011 OR G02B3/14 OR G02B5/3025 OR G02B2027/0161 OR G02B7/09 OR G02B2027/0114 OR G02B27/286 OR G02B27/30 OR G02B5/32 OR G02B6/0016 OR G02B2027/0154 OR G02B27/0018 OR G02B6/0023 OR G02B6/0076 OR G02B5/3083 OR G02B6/003 OR G02B26/105 OR G02B5/208 OR G02B7/008 OR G02B2027/0194 OR G02B6/0068 OR G02B9/60 OR G02B9/64 OR G02B27/1086 OR G02B30/34 OR G02B5/005 OR G02B5/1823 OR G02B5/1857 OR G02B5/1866 OR G02B5/1871 OR G02B6/0055 OR G02B6/29325 OR G02B7/08 OR G02B13/004 OR G02B13/009 OR G02B2027/015 OR G02B27/0977 OR G02B5/08 OR G02B19/0057 OR G02B27/0916 OR G02B6/00 OR G02B6/0053 OR G02B7/102 OR G02B13/02 OR G02B2027/013 OR G02B2027/0136 OR				
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		G02B26/10 OR G02B27/0103 OR G02B27/0149 OR G02B30/56 OR G02B27/0025 OR G02B27/4272 OR G02B30/27 OR G02B30/52 OR G02B6/0088 OR G02B9/62 OR G02B13/0065 OR G02B30/00 OR G02B6/0006 OR G02B6/0008 OR G02B6/4204 OR G02B6/443 OR G02B6/4471 OR G02B7/023 OR G02B2027/0145 OR G02B2027/0159 OR G02B2027/0163 OR G02B3/0006 OR G02B6/0065 OR G02B7/02 OR G02B7/04 OR G02B7/12 OR G02B1/002 OR G02B17/086 OR G02B2027/0152 OR G02B21/365 OR G02B26/0816 OR G02B27/02 OR G02B30/35 OR G02B5/04 OR G02B5/3016 OR G02B6/0018 OR G02B6/0031 OR G02B6/0078 OR G02B6/105 OR G02B7/003 OR G02B7/021 OR G02B9/34 OR G02B1/041 OR G02B15/10 OR G02B26/005 OR G02B27/00 OR G02B27/0955 OR G02B27/10 OR G02B27/1033 OR G02B6/002 OR G02B6/0051 OR G02B6/124 OR G02B13/001 OR G02B13/0035 OR G02B2027/0109 OR G02B2027/0183 OR G02B21/06 OR G02B26/00 OR					
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		G02B26/0841 OR G02B27/141 OR G02B27/425 OR G02B3/0087 OR G02B5/1809 OR G02B5/1847 OR G02B6/0026 OR G02B6/02066 OR G02B6/122 OR G02B6/1221 OR G02B6/274 OR G02B6/2766 OR G02B9/04 OR G02B13/008 OR G02B13/14 OR G02B2027/0107 OR G02B2027/0143 OR G02B26/004 OR G02B26/007 OR G02B27/0037 OR G02B5/18 OR G02B5/20 OR G02B5/201 OR G02B6/0021 OR G02B6/0056 OR G02B6/32 OR G02B7/002 OR G02B9/36 OR G02B13/00 OR G02B13/0015 OR G02B13/003 OR G02B13/04 OR G02B13/18 OR G02B15/142 OR G02B19/009 OR G02B2027/0116 OR G02B27/0972 OR G02B27/281 OR G02B27/64 OR G02B3/00 OR G02B30/10 OR G02B30/24 OR G02B30/26 OR G02B5/26 OR G02B6/0028 OR G02B6/0045 OR G02B6/0046 OR G02B6/0073 OR G02B6/0083 OR G02B6/009 OR G02B9/12 OR G02B13/006 OR G02B17/0605 OR G02B2003/0093 OR G02B2027/0198 OR G02B2207/113 OR G02B25/001 OR G02B26/103 OR					
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		G02B27/0944 OR G02B27/1046 OR G02B27/4294 OR G02B27/58 OR G02B3/0056 OR G02B3/08 OR G02B3/12 OR G02B5/124 OR G02B5/223 OR G02B5/3058 OR G02B6/0025 OR G02B6/0033 OR G02B6/0061 OR G02B6/12009 OR G02B6/29356 OR G02B7/10 OR G02B1/00 OR G02B1/10 OR G02B1/11 OR G02B13/002 OR G02B13/007 OR G02B15/1421 OR G02B15/143503 OR G02B15/144105 OR G02B15/144113 OR G02B15/1451 OR G02B15/26 OR G02B19/0014 OR G02B19/0076 OR G02B2027/0129 OR G02B2027/019 OR G02B2027/0196 OR G02B21/0012 OR G02B2207/115 OR G02B23/00 OR G02B23/18 OR G02B26/023 OR G02B26/0808 OR G02B26/085 OR G02B26/0858 OR G02B26/0875 OR G02B27/0189 OR G02B27/024 OR G02B27/144 OR G02B27/149 OR G02B27/28 OR G02B27/288 OR G02B27/44 OR G02B27/48 OR G02B3/005 OR G02B30/22 OR G02B30/36 OR G02B30/50 OR G02B5/0284 OR G02B5/1842 OR G02B5/1876 OR G02B5/22 OR G02B5/23 OR					
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L1922	113	G02B6/0011 OR G02B6/0015 OR G02B6/0048 OR G02B6/0058 OR G02B6/006 OR G02B6/0086 OR G02B6/02 OR G02B6/06 OR G02B6/12019 OR G02B6/27 OR G02B6/4206 OR G02B7/005 OR G02B7/028 OR G02B7/105 OR G02B7/1821 OR G02B7/1822 OR G02B7/1824 OR G02B7/28 OR G02B7/285 OR G02B7/346 OR G02B7/38 OR G02B9/18).cpc.) L44 AND (G02C11/10 OR G02C11/06 OR G02C7/04 OR G02C5/143 OR G02C11/00 OR G02C5/146 OR G02C5/001 OR G02C5/14 OR G02C7/101 OR G02C3/003 OR G02C2200/08 OR G02C2200/02 OR G02C7/083 OR G02C7/12 OR G02C5/16 OR G02C5/22 OR G02C7/16 OR G02C7/086 OR G02C9/04 OR G02C11/04 OR G02C2200/10 OR G02C5/12 OR G02C9/00 OR G02C7/06 OR G02C7/081 OR G02C7/104 OR G02C5/02 OR G02C7/105 OR G02C7/08 OR G02C5/006 OR G02C7/00 OR G02C1/10 OR G02C5/20 OR G02C5/045 OR G02C7/021 OR G02C1/06 OR	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
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L1923	6	G02C2202/06 OR G02C3/006 OR G02C5/08 OR G02C5/2209 OR G02C5/2272 OR G02C9/02 OR G02C2200/26 OR G02C3/04 OR G02C5/2236 OR G02C5/2254 OR G02C5/2263 OR G02C7/02).cpc.) L45 AND ((G02B27/017 OR G02B2027/0178 OR G02B27/0172 OR G02B2027/014 OR G02B2027/0138 OR G02B27/0093 OR G02B2027/0187 OR G02B27/0176 OR G02B2027/0127 OR G02B2027/0118 OR G02B2027/0134 OR G02B27/0101 OR G02B27/0179 OR G02B2027/0141 OR G02B2027/0156 OR G02B6/34 OR G02B2027/0132 OR G02B2027/0174 OR G02B2027/0185 OR G02B2027/0123 OR G02B2027/0147 OR G02B27/01 OR G02B27/4205 OR G02B6/10 OR G02B2027/0105 OR G02B26/101 OR G02B27/42 OR G02B27/4227 OR G02B26/001 OR G02B2027/0169 OR G02B27/0081 OR G02B27/0075 OR G02B27/028 OR G02B2027/0112 OR G02B2027/0125 OR G02B6/0001 OR G02B6/0035 OR G02B27/022 OR G02B6/005 OR G02B2027/012 OR G02B27/283 OR G02B5/30 OR G02B6/0038 OR G02B6/0036 OR G02B13/0045 OR	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
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		G02B2027/0181 OR G02B5/3025 OR G02B2027/0161 OR G02B2027/011 OR G02B2027/0114 OR G02B27/30 OR G02B6/0016 OR G02B2027/0154 OR G02B27/286 OR G02B3/14 OR G02B6/0023 OR G02B5/3083 OR G02B6/003 OR G02B6/0076 OR G02B27/0018 OR G02B7/008 OR G02B26/0833 OR G02B13/06 OR G02B2027/0194 OR G02B27/1086 OR G02B5/1823 OR G02B5/1857 OR G02B5/1866 OR G02B5/1871 OR G02B6/0055 OR G02B6/29325 OR G02B2027/015 OR G02B30/34 OR G02B26/105 OR G02B6/0053 OR G02B26/10 OR G02B27/0103 OR G02B27/646 OR G02B5/08 OR G02B9/60 OR G02B2027/0136 OR G02B30/27 OR G02B30/52 OR G02B5/208 OR G02B6/0068 OR G02B6/0088 OR G02B7/09 OR G02B9/62 OR G02B13/009 OR G02B2027/013 OR G02B30/56 OR G02B5/32 OR G02B6/0006 OR G02B6/0008 OR G02B6/4204 OR G02B6/443 OR G02B6/4471 OR G02B9/64 OR G02B2027/0163 OR G02B27/0977 OR G02B6/0065 OR G02B13/004 OR G02B2027/0159 OR					
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		G02B30/00 OR G02B6/00 OR G02B7/023 OR G02B7/12 OR G02B1/002 OR G02B17/086 OR G02B2027/0145 OR G02B21/365 OR G02B27/0025 OR G02B27/02 OR G02B5/04 OR G02B5/3016 OR G02B6/0018 OR G02B6/0031 OR G02B6/105 OR G02B7/003 OR G02B13/02 OR G02B2027/0152 OR G02B27/00 OR G02B27/0149 OR G02B27/10 OR G02B27/1033 OR G02B27/4272 OR G02B6/002 OR G02B6/0051 OR G02B6/124 OR G02B13/001 OR G02B13/0035 OR G02B15/10 OR G02B2027/0109 OR G02B2027/0183 OR G02B21/06 OR G02B26/00 OR G02B27/141 OR G02B27/425 OR G02B3/0006 OR G02B30/35 OR G02B5/005 OR G02B5/1809 OR G02B5/1847 OR G02B6/0026 OR G02B6/02066 OR G02B6/122 OR G02B6/1221 OR G02B6/274 OR G02B6/2766 OR G02B7/021 OR G02B7/04 OR G02B7/08 OR G02B1/041 OR G02B13/0065 OR G02B13/008 OR G02B13/14 OR G02B2027/0107 OR G02B2027/0143 OR G02B26/005 OR G02B26/007 OR G02B5/20 OR					
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		G02B6/0056 OR G02B6/32 OR G02B7/002 OR G02B9/36 OR G02B13/003 OR G02B13/18 OR G02B15/142 OR G02B19/009 OR G02B2027/0116 OR G02B26/0816 OR G02B27/0972 OR G02B27/281 OR G02B27/64 OR G02B3/00 OR G02B30/10 OR G02B30/24 OR G02B30/26 OR G02B5/18 OR G02B5/26 OR G02B6/0045 OR G02B6/0046 OR G02B6/0073 OR G02B6/0083 OR G02B6/009 OR G02B7/02 OR G02B7/102 OR G02B9/04 OR G02B9/12 OR G02B9/34 OR G02B17/0605 OR G02B2027/0198 OR G02B2207/113 OR G02B25/001 OR G02B26/0841 OR G02B26/103 OR G02B27/0037 OR G02B27/0944 OR G02B27/0955 OR G02B27/1046 OR G02B27/4294 OR G02B27/58 OR G02B5/124 OR G02B5/201 OR G02B5/223 OR G02B6/0025 OR G02B6/0028 OR G02B6/0033 OR G02B6/0061 OR G02B6/0078 OR G02B6/12009 OR G02B6/29356 OR G02B1/00 OR G02B1/10 OR G02B13/007 OR G02B13/04 OR G02B15/1421 OR G02B2027/0129 OR G02B2027/019 OR				
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		G02B2027/0196 OR G02B21/0012 OR G02B2207/115 OR G02B23/00 OR G02B23/18 OR G02B26/004 OR G02B26/0808 OR G02B26/085 OR G02B26/0858 OR G02B26/0875 OR G02B27/0189 OR G02B27/024 OR G02B27/144 OR G02B27/149 OR G02B27/44 OR G02B27/48 OR G02B3/005 OR G02B30/22 OR G02B30/36 OR G02B30/50 OR G02B5/0284 OR G02B5/1842 OR G02B5/1876 OR G02B5/22 OR G02B5/23 OR G02B5/3058 OR G02B6/0011 OR G02B6/0015 OR G02B6/0048 OR G02B6/0058 OR G02B6/006 OR G02B6/0086 OR G02B6/02 OR G02B6/06 OR G02B6/12019 OR G02B6/27 OR G02B7/005 OR G02B7/105 OR G02B7/1824 OR G02B7/28 OR G02B7/285 OR G02B7/346 OR G02B1/007 OR G02B1/04 OR G02B1/115 OR G02B1/118 OR G02B13/0055 OR G02B13/006 OR G02B13/0075 OR G02B15/06 OR G02B17/08 OR G02B19/0047 OR G02B2003/0093 OR G02B2027/0158 OR G02B2027/0192 OR G02B21/00 OR G02B2207/101 OR G02B2207/123 OR					
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		G02B27/0068 OR G02B27/0938 OR G02B27/0961 OR G02B27/108 OR G02B27/142 OR G02B27/28 OR G02B27/285 OR G02B27/62 OR G02B3/0037 OR G02B3/0056 OR G02B3/0068 OR G02B3/02 OR G02B3/04 OR G02B3/08 OR G02B30/29 OR G02B30/31 OR G02B5/0252 OR G02B5/045 OR G02B5/0841 OR G02B5/10 OR G02B5/12 OR G02B5/122 OR G02B5/128 OR G02B5/136 OR G02B5/1861 OR G02B5/28 OR G02B6/0085 OR G02B6/2706 OR G02B6/276 OR G02B6/29311 OR G02B6/3512 OR G02B6/3522 OR G02B6/4214 OR G02B7/10 OR G02B7/287).cpc.)					
L1924	91	L45 AND (G02C11/10 OR G02C11/06 OR G02C7/04 OR G02C5/143 OR G02C5/146 OR G02C11/00 OR G02C5/14 OR G02C7/101 OR G02C5/001 OR G02C3/003 OR G02C2200/08 OR G02C7/083 OR G02C2200/02 OR G02C7/12 OR G02C5/16 OR G02C7/16 OR G02C7/086 OR G02C9/04 OR G02C2200/10 OR G02C5/22 OR G02C11/04 OR G02C9/00 OR G02C7/06 OR	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM

L1925	6	G02C7/081 OR G02C5/02 OR G02C5/12 OR G02C7/104 OR G02C7/105 OR G02C7/08 OR G02C5/006 OR G02C7/00 OR G02C5/20 OR G02C5/045 OR G02C7/021 OR G02C2202/06 OR G02C3/006 OR G02C5/08 OR G02C5/2209 OR G02C5/2272 OR G02C9/02 OR G02C1/10 OR G02C2200/26 OR G02C3/04 OR G02C5/2236 OR G02C5/2254 OR G02C5/2263 OR G02C7/02 OR G02C11/08 OR G02C13/005 OR G02C2202/10 OR G02C5/003 OR G02C5/126 OR G02C5/2227 OR G02C5/2281 OR G02C7/022 OR G02C7/085).cpc.) L46 AND ((G02B27/017 OR G02B2027/0178 OR G02B2027/014 OR G02B27/0172 OR G02B2027/0138 OR G02B27/0093 OR G02B2027/0187 OR G02B2027/0118 OR G02B27/0176 OR G02B27/0101 OR G02B2027/0134 OR G02B2027/0127 OR G02B6/34 OR G02B2027/0123 OR G02B2027/0147 OR G02B5/30 OR G02B27/0081 OR G02B27/0179 OR G02B2027/0185 OR G02B27/4205 OR G02B6/005 OR G02B2027/0105 OR G02B27/01 OR G02B27/42 OR	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
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		G02B27/4227 OR G02B6/10 OR G02B2027/0174 OR G02B6/0038 OR G02B6/0076 OR G02B7/008 OR G02B27/283 OR G02B2027/0114 OR G02B2027/012 OR G02B2027/0125 OR G02B2027/0132 OR G02B27/0018 OR G02B27/1086 OR G02B27/30 OR G02B5/1823 OR G02B5/1857 OR G02B5/1866 OR G02B5/1871 OR G02B5/3025 OR G02B6/0016 OR G02B6/0023 OR G02B6/0035 OR G02B6/0036 OR G02B6/29325 OR G02B2027/0156 OR G02B2027/0141 OR G02B27/0103 OR G02B26/001 OR G02B7/12 OR G02B30/52 OR G02B1/002 OR G02B2027/0161 OR G02B21/06 OR G02B21/365 OR G02B26/00 OR G02B27/02 OR G02B27/10 OR G02B27/286 OR G02B30/34 OR G02B30/56 OR G02B5/08 OR G02B5/1809 OR G02B5/1847 OR G02B5/3083 OR G02B6/0026 OR G02B6/122 OR G02B6/1221 OR G02B6/124 OR G02B7/04 OR G02B2027/0109 OR G02B2027/0136 OR G02B26/101 OR G02B6/0018 OR G02B6/002 OR G02B19/009 OR G02B2027/0116 OR G02B2027/013 OR G02B2027/015 OR					
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		G02B2027/0152 OR G02B2027/0163 OR G02B2027/0181 OR G02B26/105 OR G02B27/0075 OR G02B27/0149 OR G02B6/0053 OR G02B2027/011 OR G02B2027/0112 OR G02B2027/0154 OR G02B2027/0194 OR G02B27/00 OR G02B27/141 OR G02B5/04 OR G02B5/18 OR G02B6/00 OR G02B6/12009 OR G02B2027/0159 OR G02B2207/113 OR G02B2207/115 OR G02B26/0816 OR G02B26/103 OR G02B3/005 OR G02B30/35 OR G02B30/36 OR G02B5/23 OR G02B5/3058 OR G02B6/0028 OR G02B6/003 OR G02B6/0045 OR G02B6/0055 OR G02B6/0056 OR G02B6/006 OR G02B6/0065 OR G02B6/0068 OR G02B6/0088 OR G02B6/12019 OR G02B1/041 OR G02B19/0047 OR G02B2003/0093 OR G02B2027/019 OR G02B2027/0192 OR G02B21/0012 OR G02B27/0025 OR G02B27/0189 OR G02B27/0961 OR G02B27/0972 OR G02B3/00 OR G02B3/0068 OR G02B3/08 OR G02B3/14 OR G02B30/26 OR G02B5/045 OR G02B5/1842 OR G02B5/28 OR G02B6/32 OR G02B6/3512 OR G02B7/287).cpc.)					
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L1926	73	L46 AND (G02C11/10 OR G02C11/06 OR G02C5/143 OR G02C5/14 OR G02C7/101 OR G02C3/003 OR G02C7/04 OR G02C5/001 OR G02C5/146 OR G02C7/083 OR G02C2200/08 OR G02C11/00 OR G02C5/16 OR G02C2200/10 OR G02C11/04 OR G02C7/12 OR G02C7/081 OR G02C7/06 OR G02C7/104 OR G02C7/16 OR G02C7/08 OR G02C2200/02 OR G02C7/00 OR G02C7/105 OR G02C9/00 OR G02C7/086 OR G02C9/04 OR G02C5/20 OR G02C7/021 OR G02C2202/06 OR G02C5/006 OR G02C5/045 OR G02C5/08 OR G02C5/2209 OR G02C5/2272 OR G02C1/10 OR G02C5/12 OR G02C5/22 OR G02C5/2236 OR G02C5/2254 OR G02C7/02 OR G02C11/08 OR G02C13/005 OR G02C5/02 OR G02C5/2227 OR G02C5/2263 OR G02C5/2281 OR G02C7/022 OR G02C9/02).cpc.)	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
L1927	6	L48 AND (G02B2027/0178 OR G02B27/017 OR G02B2027/014 OR G02B27/0172 OR G02B27/0093 OR G02B2027/0138 OR G02B2027/0187 OR G02B6/34 OR	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM

		G02B27/0176 OR G02B2027/0118 OR G02B2027/0127 OR G02B27/0101 OR G02B27/0081 OR G02B27/4205 OR G02B2027/0105 OR G02B2027/0185 OR G02B27/0179 OR G02B27/42 OR G02B27/4227 OR G02B6/10 OR G02B6/0038 OR G02B6/005 OR G02B6/0076 OR G02B7/008 OR G02B27/283 OR G02B2027/0114 OR G02B2027/012 OR G02B2027/0125 OR G02B2027/0174 OR G02B27/0018 OR G02B27/1086 OR G02B27/30 OR G02B5/1823 OR G02B5/1857 OR G02B5/1866 OR G02B5/1871 OR G02B5/3025 OR G02B6/0016 OR G02B6/0023 OR G02B6/0035 OR G02B6/0036 OR G02B6/29325 OR G02B5/30 OR G02B2027/0132 OR G02B2027/0134 OR G02B2027/0156 OR G02B2027/0123 OR G02B21/06 OR G02B21/365 OR G02B27/286 OR G02B30/52 OR G02B27/01 OR G02B6/0018 OR G02B6/002 OR G02B2027/0147 OR G02B2027/015 OR G02B27/0149 OR G02B6/0053 OR G02B2027/0112 OR G02B2027/0141 OR G02B2027/0152 OR G02B2027/0161 OR G02B5/18 OR G02B6/00 OR G02B6/12009 OR G02B7/12 OR					
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L1928	73	G02B2027/011 OR G02B2027/0154 OR G02B2207/113 OR G02B2207/115 OR G02B27/0075 OR G02B5/23 OR G02B5/3058 OR G02B6/0028 OR G02B6/003 OR G02B6/0045 OR G02B6/0056 OR G02B6/006 OR G02B6/0065 OR G02B6/0068 OR G02B6/0088 OR G02B6/12019 OR G02B2027/013 OR G02B2027/0163 OR G02B2027/0181 OR G02B2027/019 OR G02B27/0189 OR G02B30/26 OR G02B5/04 OR G02B5/1842 OR G02B5/28 OR G02B6/32 OR G02B6/3512).cpc.) L48 AND (G02C11/10 OR G02C11/06 OR G02C5/143 OR G02C5/14 OR G02C3/003 OR G02C5/001 OR G02C5/146 OR G02C2200/08 OR G02C5/16 OR G02C11/00 OR G02C11/04 OR G02C7/08 OR G02C7/081 OR G02C7/086 OR G02C9/00 OR G02C9/04 OR G02C2200/02 OR G02C2202/06 OR G02C5/045 OR G02C5/2209 OR G02C7/083 OR G02C7/101 OR G02C5/12 OR G02C13/005 OR G02C5/22 OR G02C5/2254 OR G02C5/2281 OR G02C7/022 OR G02C7/04 OR G02C9/02).cpc.)	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
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L1929	6	L49 AND (G02B2027/0178 OR G02B27/017 OR G02B27/0093 OR G02B2027/014 OR G02B27/0172 OR G02B2027/0138 OR G02B2027/0187 OR G02B2027/0118 OR G02B5/30 OR G02B27/0176 OR G02B21/06 OR G02B21/365 OR G02B27/286 OR G02B2027/0134 OR G02B2027/0132 OR G02B2027/0147 OR G02B6/0053 OR G02B2027/0112 OR G02B2027/0127 OR G02B27/0149 OR G02B5/18 OR G02B6/12009 OR G02B2027/011 OR G02B2027/0123 OR G02B2027/0141 OR G02B2027/0156 OR G02B2207/113 OR G02B2207/115 OR G02B27/0075 OR G02B27/01 OR G02B27/0101 OR G02B5/23 OR G02B5/3058 OR G02B6/0018 OR G02B6/002 OR G02B6/0028 OR G02B6/003 OR G02B6/0038 OR G02B6/0045 OR G02B6/005 OR G02B6/0056 OR G02B6/006 OR G02B6/0065 OR G02B6/0068 OR G02B6/0076 OR G02B6/0088 OR G02B6/12019 OR G02B7/008 OR G02B27/0081 OR G02B5/04 OR G02B5/1842 OR G02B5/28).cpc.)	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
L1930	68	L49 AND (G02C11/10 OR G02C11/06 OR G02C5/143 OR G02C5/14 OR G02C3/003 OR	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM

L1931	1758	G02C5/146 OR G02C5/001 OR G02C2200/08 OR G02C11/04 OR G02C11/00 OR G02C7/081 OR G02C7/08 OR G02C7/086 OR G02C9/00 OR G02C2202/06 OR G02C5/2209 OR G02C7/083 OR G02C7/101 OR G02C9/04 OR G02C5/12 OR G02C5/22 OR G02C5/2254 OR G02C5/2281).cpc.) L51 AND ((G02B2027/0178 OR G02B27/017 OR G02B27/0093 OR G02B2027/014 OR G02B27/0172 OR G02B2027/0138 OR G02B2027/0187 OR G02B2027/0118 OR G02B5/30 OR G02B27/0176 OR G02B2027/0134 OR G02B2027/0147 OR G02B2027/0112 OR G02B2027/0127 OR G02B2027/0132 OR G02B27/0149 OR G02B5/18 OR G02B6/12009 OR G02B2027/011 OR G02B2027/0123 OR G02B2207/113 OR G02B2207/115 OR G02B5/23 OR G02B5/3058 OR G02B6/0038 OR G02B6/0045 OR G02B6/0053 OR G02B6/0056 OR G02B6/12019 OR G02B7/008 OR G02B5/04 OR G02B5/1842 OR G02B5/28).cpc.)	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
L1932	522	L51 AND ((G02C11/10 OR G02C11/06 OR G02C5/146 OR G02C5/143 OR G02C2200/08 OR	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM

L1933	119	G02C5/001 OR G02C11/04 OR G02C5/14 OR G02C7/081 OR G02C7/08 OR G02C7/086 OR G02C9/00 OR G02C2202/06 OR G02C5/2209 OR G02C7/083 OR G02C7/101).cpc.)	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
L1934	4035	L51 AND (351/158 OR 351/121 OR 351/41 OR 351/116 OR 351/119 OR 359/630 OR 359/13 OR 359/554 OR 359/567 OR 381/327 OR 381/381).ccls.) (eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND speaker\$2 AND (sound WITH guid\$4)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 04:39 PM
L1935	1421	(eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND (speaker\$2 SAME (sound WITH guid\$4))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 04:39 PM
L1936	580	(eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND temple AND ((speaker\$2 OR audio) SAME (sound WITH	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS,	OR	ON	ON	2023/11/20 04:39 PM

L1937	284	guid\$4)) (eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND ((temples SAME speakers) AND (sound WITH guid\$4))	IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 04:39 PM
L1938	12838	(eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND temple AND (speakers AND audio)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 04:39 PM
L1939	1220	(eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND (temple SAME (speakers WITH audio))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 04:39 PM

L1940	313	(eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND impair\$4	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
L1941	300	(eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND impair\$4 AND compensat\$4 AND amplif\$6	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
L1942	300	(eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM

L1943	3	microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND impair\$4 AND compensat\$4 AND amplif\$6 AND customiz\$4 (eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegals\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND impair\$4 AND compensat\$4 AND (amplif\$6 WITH customiz\$4)	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/11/20 04:39 PM
L1950	44	(Artificial Intelligence) Similar to: 17/949,029 with 0 CPC Selections and 0 Text Selections Text: (US-11644693-B2 OR US-20230017635-A1 OR US-20220357599-A1 OR GB-2594812-A OR US-20190113774-A1 OR US-11156855-B2 OR WO-2017196294-A1 OR EP-3455670-A1 OR US-20200285069-A1 OR WO-2020144536-A2 OR US-11668958-B2 OR US-20220113562-A1 OR WO-2007110551-A1 OR EP-1998729-A1 OR EP-3143460-B1 OR CN-113260902-A OR FR-2984534-A1 OR WO-2023101802-A1	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN))	OR	ON	ON	2023/11/20 04:39 PM

L1951	46	OR US-20230168522-A1 OR JP-7185053-B2 OR WO-2010060323-A1 OR US-7792552-B2 OR FR-2899097-A1 OR WO-2007109989-A1 OR FR-3027412-A1 OR US-9547184-B2 OR KR-102077483-B1 OR US-20110224481-A1 OR CH-707274-B9 OR CH-707274-B1 OR US-11243416-B2 OR US-20200218094-A1 OR AU-2009319620-A1 OR EP-2387252-A1 OR US-20190204617-A1 OR US-6148087-A OR US-20050074137-A1 OR US-20220295167-A1 OR US-20220011603-A1 OR US-10061144-B2 OR US-11204512-B2 OR US-11536988-B2 OR JP-2012510218-A OR DE-19704119-C1 OR DE-20105364-U1 OR CH-692883-A5 OR JP-2022516768-A OR KR-20220038802-A OR US-7760898-B2 OR ES-2707523-T3).did. (Artificial Intelligence) Similar to: 17/949,029 with 0 CPC Selections and 3 Text Selections Text: (US-20040208325-A1 OR US-11644693-B2 OR US-20210227338-A1 OR US-20130223661-A1 OR US-11657827-B2 OR US-20050260978-A1 OR US-11665488-B2 OR US-20210266684-A1 OR US-11488618-B2 OR US-20100150356-A1 OR US-7529545-B2 OR CN-115136620-A OR US-10750293-B2 OR US-9344793-B2 OR US-20150078575-A1 OR WO-2022164423-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN))	OR	ON	ON	2023/11/20 04:39 PM
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L1952	45	A1 OR EP-1767057-A2 OR WO-2006001998-A2 OR EP-2677772-A1 OR US-20100100318-A1 OR US-8271192-B2 OR US-20060215844-A1 OR US-20100119093-A1 OR US-20160234589-A1 OR US-20050078838-A1 OR WO-2005034734-A2 OR WO-2014193264-A1 OR US-9344815-B2 OR US-20220141599-A1 OR JP-2005504470-A OR EP-1216599-A1 OR AU-7385600-A OR KR-20040053134-A OR US-20170048619-A1 OR JP-20180511212-A5 OR EP-1467596-A2 OR KR-100846879-B1 OR JP-2001008296-A OR US-20100191143-A1 OR WO-2007112918-A1 OR CA-2653767-A1 OR US-20140314261-A1 OR US-20190261102-A1 OR US-5608803-A OR CA-2464025-C OR US-20230017635-A1 OR US-20080025538-A1 OR US-20170171661-A1 OR US-10057683-B2 OR US-8437479-B2).did. (Artificial Intelligence) Similar to: 17/949,029 with 2 CPC Selections and 3 Text Selections Text: (US-11644693-B2 OR US-20040208325-A1 OR US-20230017635-A1 OR US-20220357599-A1 OR US-11668958-B2 OR US-20220113562-A1 OR EP-3455670-A1 OR WO-2017196294-A1 OR US-11156855-B2 OR US-20190113774-A1 OR TW-I774573-B OR US-11684516-B2	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN))	OR	ON	ON	2023/11/20 04:39 PM
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L1953	47	OR US-6091832-A OR FR-2984534-A1 OR JP-2020053948-A OR TW-202205879-A OR WO-2020067263-A1 OR US-20210341761-A1 OR US-11592689-B2 OR TW-202126057-A OR US-20220260859-A1 OR CN-112740718-A OR US-20210267803-A1 OR JP-7015378-B2 OR EP-3833040-A1 OR TW-202031056-A OR US-7512414-B2 OR US-9525936-B1 OR US-20070046887-A1 OR US-7581833-B2 OR JP-7185053-B2 OR US-20110224481-A1 OR US-20060197907-A1 OR US-20040156012-A1 OR EP-2387252-A1 OR EP-1540991-A2 OR WO-2004028203-A2 OR US-20190104370-A1 OR US-20220296421-A1 OR CN-106940484-B OR US-20170102560-A1 OR US-10659868-B1 OR DE-19704119-C1 OR US-20040157649-A1 OR AU-2009319620-A1 OR DE-102014207914-A1 OR US-7760898-B2 OR US-20220007100-A1 OR US-20170085976-A1 OR US-10003877-B2).did. (Artificial Intelligence) Similar to: 17/949,029 with 3 CPC Selections and 3 Text Selections Text: (US-20040208325-A1 OR US-11644693-B2 OR US-20230017635-A1 OR US-20220357599-A1 OR US-20140268008-A1 OR US-20160246075-A9 OR US-20230236444-A1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN))	OR	ON	ON	2023/11/20 04:39 PM
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L1954	44	US-20190278110-A1 OR US-11630331-B2 OR US-20160266413-A1 OR US-9535267-B2 OR CH-718397-A2 OR US-7760898-B2 OR CH-718397-B1 OR US-10345625-B2 OR US-11668958-B2 OR US-20220113562-A1 OR US-10379377-B2 OR US-20180074343-A1 OR US-20200218094-A1 OR US-9740023-B1 OR US-20220011603-A1 OR US-20170248801-A1 OR US-9851585-B2 OR EP-2149068-B1 OR EP-3455670-A1 OR WO-2017196294-A1 OR WO-2017151519-A9 OR WO-2017151519-A1 OR US-20190113774-A1 OR US-11156855-B2 OR US-11243416-B2 OR US-20210325691-A1 OR US-20090234614-A1 OR EP-2149068-A1 OR WO-2008133921-A1 OR US-11536988-B2 OR US-9547184-B2 OR US-20120229263-A1 OR US-8410913-B2 OR US-20190285913-A1 OR US-20170090219-A1 OR CA-2956795-A1 OR US-20180335650-A1 OR US-7922321-B2 OR US-10620459-B2 OR US-20180088355-A1 OR EP-4057051-A1 OR US-20120050668-A1 OR US-20220043278-A1).did. (Artificial Intelligence) Similar to: 17/949,029 with 5 CPC Selections and 3 Text Selections Text: (US-11644693-B2 OR US-20230017635-A1 OR US-20220357599-A1 OR US-11668958-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO,	OR	ON	ON	2023/11/20 04:39 PM
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L1955	45	B2 OR US-20220113562-A1 OR US-20190113774-A1 OR WO-2017196294-A1 OR EP-3455670-A1 OR US-11156855-B2 OR US-20210165243-A1 OR GB-2594812-A OR US-20200285069-A1 OR WO-2020144536-A2 OR US-7760898-B2 OR US-11243416-B2 OR US-9547184-B2 OR US-20200218094-A1 OR US-20220011603-A1 OR CN-113260902-A OR JP-7185053-B2 OR US-11536988-B2 OR US-20110224481-A1 OR WO-2023101802-A1 OR US-20230168522-A1 OR EP-2387252-A1 OR AU-2009319620-A1 OR US-20170090219-A1 OR US-10061144-B2 OR US-20180335650-A1 OR US-11204512-B2 OR US-7922321-B2 OR US-20120050668-A1 OR US-8905542-B2 OR WO-2007110551-A1 OR EP-1998729-A1 OR US-20200012127-A1 OR US-9024830-B2 OR US-6091832-A OR US-20110187990-A1 OR US-20050264752-A1 OR US-9525936-B1 OR US-8430507-B2 OR US-20130308089-A1 OR US-6148087-A OR US-8500271-B2 OR EP-1540991-A2 OR WO-2004028203-A2 OR JP-2022516768-A OR FR-2899097-A1 OR DE-19704119-C1).did. (Artificial Intelligence) Similar to: 17/949,029 with 5 CPC Selections and 2 Text Selections Text: (US-11644693-B2 OR US-20230017635-A1	RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN))	OR	ON	ON	2023/11/20 04:39 PM
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L2004	26987	OR US-20220357599-A1 OR US-11668958-B2 OR US-20220113562-A1 OR US-11156855-B2 OR US-20190113774-A1 OR EP-3455670-A1 OR WO-2017196294-A1 OR GB-2594812-A OR US-20200285069-A1 OR WO-2020144536-A2 OR US-20040208325-A1 OR JP-2022512232-A OR CN-113260902-A OR US-20200218094-A1 OR US-9547184-B2 OR US-11243416-B2 OR US-20220011603-A1 OR JP-7185053-B2 OR US-11536988-B2 OR US-20110224481-A1 OR EP-2387252-A1 OR WO-2023101802-A1 OR US-20230168522-A1 OR AU-2009319620-A1 OR WO-2007110551-A1 OR EP-1998729-A1 OR US-20170090219-A1 OR US-20180335650-A1 OR US-10061144-B2 OR US-11204512-B2 OR US-7922321-B2 OR US-20120050668-A1 OR US-6148087-A OR US-9525936-B1 OR US-8905542-B2 OR US-20200012127-A1 OR US-7792552-B2 OR DE-19704119-C1 OR US-20150085245-A1 OR US-6091832-A OR FR-2899097-A1 OR FR-2984534-A1 OR US-20050264752-A1 OR US-8430507-B2 OR US-20110187990-A1 OR CH-692883-A5 OR US-20130308089-A1 OR US-8500271-B2).did. (G02C11/10 OR G02C5/001 OR G02C5/14 OR G02C11/06 OR G02C5/143).cpc.	MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN)) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	OR	ON	ON	2023/11/20 05:29 PM
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L2005	856	2004 AND 1836	HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 05:32 PM
L2006	537	2004 AND 1837	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 05:33 PM
L2007	205	2004 AND 1839	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2023/11/20 05:33 PM

L2008	124	2004 AND 1840	IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 05:33 PM
L2012	2	2004 AND 1890	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/20 05:34 PM
L2013	20566	1863 1864 1865 1866 1867 1868 1869	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:03 AM
L2014	119	2013 AND 1836	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	OR	ON	ON	2023/11/21 08:03 AM

L2015	93	2013 AND 1837	MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:03 AM
L2016	48	2013 AND 1839	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:03 AM
L2018	26	2013 AND 1883	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:03 AM
L2020	1	2013 AND 1890	(US-PGPUB; USPAT;	OR	ON	ON	2023/11/21

			USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				08:04 AM
L2021	146780	1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:18 AM
L2022	3124	2021 AND 1836	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:19 AM
L2023	1207	2021 AND 1837	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:20 AM

L2024	325	2021 AND 1839	NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:20 AM
L2026	224	2021 AND 1883	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:20 AM
L2027	150	2021 AND 1884	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:20 AM
L2028	2	2021 AND 1890	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY,	OR	ON	ON	2023/11/21 08:20 AM

L2029	345	(US-5036311-\$ US-5050150-\$ US-5064410-\$ US-5093576-\$ US-5106179-\$ US-5148023-\$ US-5151600-\$ US-5161250-\$ US-5172256-\$ US-5264877-\$ US-5306917-\$ US-5353378-\$ US-5359370-\$ US-5359444-\$ US-5367345-\$ US-5379464-\$ US-5382986-\$ US-5394005-\$ US-5452026-\$ US-5452480-\$ US-5455637-\$ US-5455640-\$ US-5457751-\$ US-5463428-\$ US-5500532-\$ US-5510961-\$ US-5513384-\$ US-5533130-\$ US-5541641-\$ US-5581090-\$ US-5585871-\$ US-5589398-\$ US-5590417-\$ US-5606743-\$ US-5608808-\$ US-5634201-\$ US-5671035-\$ US-5686727-\$ US-5694475-\$ US-5715323-\$ US-5737436-\$ US-5818381-\$ US-5835185-\$ US-5900720-\$ US-5903395-\$ US-	CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:48 AM
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		8430507-\$	US-				
		8434863-\$	US-				

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		4822160-\$ US- 4822161-\$ US- 4851686-\$ US- 4856086-\$ US- 4859047-\$ US- 4882769-\$ US- 4904078-\$ US- 4942629-\$ US- 4962469-\$ US- 4967268-\$ US- 4985632-\$ US- 5008548-\$ US- 5015086-\$ US- 5020150-\$ US- 5026151-\$).DID.					
L2034	976	2029 2030 2031 2032 2033	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:49 AM
L2035	107	2034 AND 1836	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:51 AM
L2036	85	2034 AND 1837	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO,	OR	ON	ON	2023/11/21 08:52 AM

L2038	46	2034 AND 1840	NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:52 AM
L2040	22	2034 AND 1884	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 08:52 AM
L2042	75	(US-0017635-\$ US-0045283-\$ US-0063763-\$ US-0090295-\$ US-0117121-\$ US-0146097-\$ US-0236444-\$ US-0260859-\$ US-0289323-\$ US-0359266-\$ US-0399691-\$ US-0415338-\$ US-11721183-\$ US-11733549-\$ US-11762224-\$ US-11803069-\$ US-11829518-\$ US-20020146097-\$ US-20030045283-\$ US-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 09:30 AM

L2043	97	20030063763-\$ US- 20050090295-\$ US- 20170289323-\$ US- 20190117121-\$ US- 20210399691-\$ US- 20220260859-\$ US- 20220415338-\$ US- 20230017635-\$ US- 20230236444-\$ US- 20230359266-\$ US- 5790311-\$ US- 7430299-\$ US- 7787647-\$ US- 8009849-\$ US- 8175886-\$ US- 8251875-\$ US- 8571241-\$ US- 8620208-\$ US- 8626246-\$ US- 9183351-\$ US- 9369814-\$).DID.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 09:31 AM
		(US-0005069-\$ US- 0017634-\$ US- 0033660-\$ US- 0044416-\$ US- 0045928-\$ US- 0057654-\$ US- 0064746-\$ US- 0091200-\$ US- 0114770-\$ US- 0136414-\$ US- 0189548-\$ US- 02511706-\$ US- 0283894-\$ US- 0291667-\$ US- 0292333-\$ US- 0357599-\$ US- 0379425-\$ US- 0415388-\$ US- 10802582-\$ US- 11513371-\$ US- 11536988-\$ US- 11630331-\$ US- 11644361-\$ US- 11644693-\$ US- 2725462-\$ US- 20020136414-\$ US- 20030064746-\$ US- 20030091200-\$ US- 20040005069-\$ US- 20040114770-\$ US- 20060291667-\$ US- 20070189548-\$ US- 20100045928-\$ US- 20110292333-\$ US- 20120283894-\$ US- 20210379425-\$ US- 20220357599-\$ US-					

L2044	93	20220415388-\$ US- 20230017634-\$ US- 20230033660-\$ US- 20230057654-\$ US- 3104290-\$ US- 3119903-\$ US- 5519781-\$ US- 5819183-\$ US- 6311155-\$ US- 6678381-\$ US- 7801570-\$ US- 8582789-\$ US- 8849185-\$).DID. (US-20010035242-\$ US-20020072387-\$ US-20020193151-\$ US-20030036414-\$ US-20030040285-\$ US-20030042348-\$ US-20030108217-\$ US-20030182003-\$ US-20040077382-\$ US-20040204165-\$ US-20050078274-\$ US-20050128431-\$ US-20050201585-\$ US-20050220316-\$ US-20050248717-\$ US-20050255883-\$ US-20050255898-\$ US-20060013410-\$ US-20060023158-\$ US-20060093178-\$ US-20060153409-\$ US-20060177086-\$ US-20060185062-\$ US-20060251283-\$ US-20070064969-\$ US-20090175482-\$ US-2249572-\$ US- 3528734-\$ US- 4456797-\$ US- 4902120-\$ US- 4942617-\$ US- 5034995-\$ US- 5164987-\$ US- 5422957-\$ US- 5608808-\$ US- 5715323-\$ US- 5737436-\$ US- 5881160-\$ US- 6095820-\$ US- 6097822-\$ US- 6176576-\$ US- 6633770-\$ US- 6643528-\$ US- 6690808-\$ US- 6920228-\$ US-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 09:32 AM
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L2045	78	7519192-\$ US-7702122-\$ US-D533539-\$).DID. (US-10359459-\$ US-10624790-\$ US-10777048-\$ US-20030231293-\$ US-20040059212-\$ US-20040101178-\$ US-20060034478-\$ US-20070035830-\$ US-20080100792-\$ US-20090073375-\$ US-20090141233-\$ US-20120033061-\$ US-20130072828-\$ US-20130148519-\$ US-20140132913-\$ US-20160302992-\$ US-20170074721-\$ US-20170090219-\$ US-20170131575-\$ US-20170146829-\$ US-20170303187-\$ US-20190272800-\$ US-20190278110-\$ US-20190285913-\$ US-20190310132-\$ US-20190318589-\$ US-20190387351-\$ US-20200012127-\$ US-20200364992-\$ US-3858001-\$ US-4904078-\$ US-5455637-\$ US-5541641-\$ US-5923398-\$ US-6091546-\$ US-6788309-\$ US-6816314-\$ US-6857741-\$ US-7023594-\$ US-7517083-\$).DID.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 09:32 AM
L2046	75	(AU-2005259090-\$ CA-2388872-\$ CN-1110465-\$ CN-214896080-\$ DE-69800345-\$ EP-1156572-\$ EP-2082281-\$ EP-3306380-\$ JP-2001183620-\$ JP-2002027680-\$ JP-2002218669-\$ JP-2003017020-\$ JP-2020027271-\$ JP-6742059-\$ KR-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO;	OR	ON	ON	2023/11/21 09:32 AM

L2047	65	100238065-\$ KR-100720019-\$ KR-20010078034-\$ KR-200165484-\$ KR-200250874-\$ KR-200262295-\$ NZ-527050-\$ WO-2001035159-\$ WO-2002054135-\$ WO-2009062381-\$ WO-2010010204-\$ WO-2019011925-\$).DID. (US-7517083-\$ US-7527374-\$ US-7543934-\$ US-7581833-\$ US-7621634-\$ US-7648236-\$ US-7677723-\$ US-7760898-\$ US-7771046-\$ US-7792552-\$ US-7806525-\$ US-7922321-\$ US-7976159-\$ US-8109629-\$ US-8142015-\$ US-8174569-\$ US-8337013-\$ US-8430507-\$ US-8434863-\$ US-8465151-\$ US-8485661-\$ US-8500271-\$ US-8770742-\$ US-8905542-\$ US-9033493-\$ US-9244292-\$ US-9400390-\$ US-9405135-\$ US-9488520-\$ US-9547184-\$ US-9690121-\$ US-D369167-\$).DID.	JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 09:32 AM
L2048	475	2042 2043 2044 2045 2046 2047	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA,	OR	ON	ON	2023/11/21 09:33 AM

L2049	44	2048 AND 1836	VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 09:33 AM
L2051	27	2048 AND 1839	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 09:33 AM
L2054	1	2048 AND 1890	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 09:33 AM
L2055	537	("197708" "198608" "198805" "198909" "99411" "199511" "199609" "199709" "199807" "200011" "200101" "200102"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	OR	ON	ON	2023/11/21 10:01 AM

L2056	376	"200205" "200208" "200210" "200302" "200512" "200907" "1129988" "6081194" "681194" "7312791" "8237349" "2107638").DID. (US-0000733-\$ US- 0001827-\$ US- 0003803-\$ US- 0005230-\$ US- 0012127-\$ US- 0017997-\$ US- 0018274-\$ US- 0021407-\$ US- 0022690-\$ US- 0023158-\$ US- 0028309-\$ US- 0029582-\$ US- 0030442-\$ US- 0032449-\$ US- 0033061-\$ US- 0033623-\$ US- 0034478-\$ US- 0035830-\$ US- 0046887-\$ US- 0050668-\$ US- 0050754-\$ US- 0055888-\$ US- 0059159-\$ US- 0059212-\$ US- 0059381-\$ US- 0061579-\$ US- 0062046-\$ US- 0062338-\$ US- 0062357-\$ US- 0063378-\$ US- 0065257-\$ US- 0067580-\$ US- 0067585-\$ US- 0068057-\$ US- 0068117-\$ US- 0068559-\$ US- 0072828-\$ US- 0073375-\$ US- 0074721-\$ US- 0077175-\$ US- 0078274-\$ US- 0079356-\$ US- 0081982-\$ US- 0083591-\$ US- 0084990-\$ US- 0085245-\$ US- 0088365-\$ US- 0089639-\$ US-	HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:01 AM
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L2060	1486	2055 2056 2057 2058 2059	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:02 AM
L2061	56	2060 AND 1836	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU,	OR	ON	ON	2023/11/21 10:02 AM

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L2062	29	2060 AND 1839	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:03 AM
L2063	18	2060 AND 1884	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:03 AM
L2065	211	(US-3192826-\$ US-3216308-\$ US-3229580-\$ US-3524710-\$ US-3610825-\$ US-3787109-\$ US-3885095-\$ US-3915548-\$ US-3923370-\$ US-3936605-\$ US-3940204-\$ US-4052073-\$ US-4082432-\$ US-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:27 AM

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L2066	123	5537253-\$ US-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:27 AM
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		6081304-\$ US-					
		6091546-\$ US-					
		D195365-\$ US-					
		RE28847-\$).DID.					
		(US-10042186-\$ US-					
		10222617-\$ US-					
		10345625-\$ US-					
		10613355-\$ US-					
		10624790-\$ US-					
		10777048-\$ US-					
		11061252-\$ US-					
		12003393-\$ US-					
		20040160572-\$ US-					
		20090097688-\$ US-					
		20090296044-\$ US-					
		20100177277-\$ US-					
		20100265456-\$ US-					
		20110080556-\$ US-					
		20110102734-\$ US-					
		20110109873-\$ US-					
		20120002159-\$ US-					
		20130010256-\$ US-					
		20160109729-\$ US-					
		20170068117-\$ US-					
		20190126060-\$ US-					

		20200004050-\$ US- 3042548-\$ US- 3683168-\$ US- 3923384-\$ US- 4447504-\$ US- 4449799-\$ US- 4618226-\$ US- 4675259-\$ US- 4756605-\$ US- 4770954-\$ US- 4883728-\$ US- 4977899-\$ US- 5007726-\$ US- 5142406-\$ US- 5455637-\$ US- 5455638-\$ US- 5835185-\$ US- 5900720-\$ US- 5933496-\$ US- 6099117-\$ US- 6325507-\$ US- 64764696-\$ US- 6552511-\$ US- 7150526-\$ US- 7339353-\$ US- 7461936-\$ US- 8337013-\$ US- 8465151-\$ US- 8500271-\$ US- 8770742-\$ US- 8787970-\$ US- 8801174-\$ US- 8876285-\$ US- 8905541-\$ US- 8944590-\$ US- 9192772-\$ US- 9207515-\$ US- 9274395-\$ US- 9405135-\$ US- 9470909-\$ US- 9482880-\$ US- 9619201-\$ US- 9632059-\$ US- 9720258-\$ US- 9720260-\$).DID.					
L2067	156	(US-20020098877-\$ US-20020118825-\$ US-20020176330-\$ US-20030003969-\$ US-20030022690-\$ US-20030067585-\$ US-20030068057-\$ US-20040000733-\$ US-20040132509-\$ US-20040156012-\$ US-20040157649-\$ US-20040160572-\$ US-20040160573-\$	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA,	OR	ON	ON	2023/11/21 10:27 AM

	US-20040239874-\$ US-20050046789-\$ US-20050046790-\$ US-20050128431-\$ US-20050185815-\$ US-20060183427-\$ US-2424935-\$ US- 2856466-\$ US- 2882348-\$ US- 2999136-\$ US- 3104290-\$ US- 3119903-\$ US- 3495898-\$ US- 3588384-\$ US- 3665122-\$ US- 3769663-\$ US- 3883701-\$ US- 4636048-\$ US- 4683587-\$ US- 4856086-\$ US- 4882769-\$ US- 4902120-\$ US- 4904078-\$ US- 5020150-\$ US- 5159639-\$ US- 5327178-\$ US- 5335285-\$ US- 5367345-\$ US- 5533130-\$ US- 5579400-\$ US- 5606743-\$ US- 5608808-\$ US- 5634201-\$ US- 5694475-\$ US- 5715323-\$ US- 5717479-\$ US- 5737436-\$ US- 5781272-\$ US- 5892564-\$ US- 5988812-\$ US- 6010216-\$ US- 6012812-\$ US- 6176576-\$ US- 6218958-\$ US- 6233344-\$ US- 6233345-\$ US- 6252970-\$ US- 6301050-\$ US- 6301367-\$ US- 6311155-\$ US- 6325507-\$ US- 6349001-\$ US- 6356392-\$ US- 6384982-\$ US- 6392798-\$ US- 6409338-\$ US- 6421031-\$ US- 6456721-\$ US-	VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
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L2068	40	6490362-\$ US- 6690807-\$ US- 6729726-\$ US- 6769767-\$ US- 6929365-\$ US- 6966647-\$ US- 7004582-\$ US- 7013009-\$ US- D207919-\$ US- D212863-\$ US- D418153-\$ US- D426845-\$ US- D435058-\$ US- D445416-\$ US- D462708-\$ US- RE35051-\$).DID. (US-7976159-\$ US- 8109629-\$ US- 8142015-\$ US- 8174569-\$ US- 8337013-\$ US- 8430507-\$ US- 8434863-\$ US- 8465151-\$ US- 8485661-\$ US- 8500271-\$ US- 8770742-\$ US- 8905542-\$ US- 9033493-\$ US- 9244292-\$ US- 9400390-\$ US- 9405135-\$ US- 9488520-\$ US- 9547184-\$ US- 9690121-\$).DID.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:27 AM
L2069	40	(US-0011603-\$ US- 0054092-\$ US- 0104864-\$ US- 0172691-\$ US- 0226838-\$ US- 0369402-\$ US- 11243416-\$ US- 20040104864-\$ US- 20130172691-\$ US- 20140226838-\$ US- 20190369402-\$ US- 20220011603-\$ US- 20220054092-\$ US- 5144344-\$ US- 5475798-\$ US- 5777715-\$ US- 6301050-\$ US- 6346929-\$ US- 6717737-\$ US- 6771423-\$).DID.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:27 AM
L2070	24	(US-0026146-\$ US- 0036103-\$ US-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP,	OR	ON	ON	2023/11/21 10:27 AM

L2071	20	0089545-\$ US-0122208-\$ US-0178743-\$ US-10571715-\$ US-11326941-\$ US-20050036103-\$ US-20080089545-\$ US-20180122208-\$ US-20210026146-\$ US-20220178743-\$).DID.	AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:27 AM
L2072	16	(US-11086147-\$ US-11204512-\$ US-20050278446-\$ US-20080211921-\$ US-20120062357-\$ US-20190033622-\$ US-20210271116-\$ US-20210364827-\$ US-20210364828-\$ US-9922236-\$).DID.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:27 AM
L2073	13	(US-9880441-\$ US-9882992-\$ US-9910298-\$ US-9922236-\$ US-9939934-\$ US-9952883-\$ US-9965681-\$).DID.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO,	OR	ON	ON	2023/11/21 10:27 AM

L2074	10	(EP-1027626-\$ EP-2290433-\$).DID.	RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:28 AM
L2075	2	(AL-20070211574-\$ AT-20190378493-\$ KR-20020044416-\$ WO-200124576-\$).DID.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:28 AM
L2076	612	2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:30 AM
L2077	39	2076 AND 1836	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU,	OR	ON	ON	2023/11/21 10:30 AM

L2079	18	2076 AND 1839	CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:31 AM
L2081	7	2076 AND 1884	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:31 AM
L2082	12	"20040160573"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:50 AM

L2083	21	"20040000733"	VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:51 AM
L2084	11	"20050278446"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:51 AM
L2085	13	"2005167902"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:51 AM
L2086	28	"20050264752"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	OR	ON	ON	2023/11/21 10:51 AM

L2087	23	"20050201585"	HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:51 AM
L2088	17	"20030063763"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:52 AM
L2089	2	"25512250".fmid.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 10:56 AM
L2091	13	"20070248238"	(US-PGPUB; USPAT;	OR	ON	ON	2023/11/21

			USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:06 AM
L2092	18	"20200012127"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 11:06 AM
L2093	11	"20230017634"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 11:06 AM
L2094	36	(Artificial Intelligence) More like doc: US-11644693-B2 Text: (US-20230017635-A1 OR US-20220357599-A1 OR US-20230273464-A1 OR US-20200218094-A1 OR US-20220011603-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO,	OR	ON	ON	2023/11/21 11:07 AM

L2095	40	A1 OR US-11536988-B2 OR US-7500747-B2 OR US-20230057654-A1 OR US-20230033660-A1 OR US-20230236444-A1 OR US-11513371-B2 OR US-20160246075-A9 OR US-20140268008-A1 OR US-10310296-B2 OR US-20190285913-A1 OR US-20190278110-A1 OR US-11204512-B2 OR US-11630331-B2 OR US-20120050668-A1 OR US-20090296044-A1).did. (Artificial Intelligence) More like doc: US-6876750-B2 Text: (US-20030063763-A1 OR EP-1001652-A2 OR US-6721428-B1 OR KR-100679597-B1 OR JP-2000152374-A OR WO-2020234892-A1 OR EP-1767059-A4 OR US-20080056518-A1 OR NL-1030541-C2 OR US-20060140418-A1 OR CN-1798452-A OR US-8059833-B2 OR US-8712067-B2 OR EP-2137729-A1 OR WO-2008113012-A1 OR US-20100303249-A1 OR CN-1798452-B OR KR-100636213-B1 OR KR-20060075134-A OR CN-107615651-B).did.	NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 11:08 AM
L2096	116	"5835185"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA,	OR	ON	ON	2023/11/21 11:18 AM

L2097	127	"5671037"	VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 11:18 AM
L2098	56	"6911172"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 11:18 AM
L2099	576	"6349001"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 11:18 AM
L2100	103	"6771423"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	OR	ON	ON	2023/11/21 11:18 AM

L2101	167	"7278734"	HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 12:51 PM
L2102	222	"7192136"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 12:51 PM
L2103	163	"7922321"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 12:52 PM
L2104	135	"7150526"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 12:52 PM

L2106	26	(Artificial Intelligence) More like doc: US-6911172-B2 Text: (US-20040000733-A1 OR US-20040239874-A1 OR US-20020159023-A1 OR EP-1485748-A2 OR WO-02089496-A2 OR US-9244292-B2 OR US-6929365-B2 OR US-20040029582-A1 OR CA-2445952-A1 OR US-20050239502-A1 OR US-7331666-B2 OR US-6769767-B2 OR US-20160109729-A1 OR JP-2005502902-A OR JP-4246500-B2 OR TW-I252005-B OR EP-1485748-B1 OR WO-02089496-A3 OR TH-61710-A OR TH-34297-B).did.	VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 01:34 PM
L2107	31	(Artificial Intelligence) More like doc: US-7278734-B2 Text: (US-20050201585-A1 OR US-8020989-B2 OR US-20080089545-A1 OR AU-2005306412-B2 OR EP-1828833-B1 OR WO-2006055884-A2 OR EP-1828833-A2 OR AU-2005306412-A2 OR AU-2005306412-A1 OR CA-2932965-C OR CA-2932965-A1 OR AU-2013263854-A1 OR AU-2013263854-B2 OR AU-2012203662-A1 OR AU-2012203662-B2 OR US-8482488-B2 OR CA-2588650-C OR US-20130293448-A1 OR US-10222617-B2 OR US-20060132382-A1).did.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 01:34 PM
L2108	37	(Artificial Intelligence) More like doc: US-6349001-B1 Text:	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU,	OR	ON	ON	2023/11/21 01:34 PM

L2109	32	(CA-2307877-C OR EP-1027627-A1 OR EP-1027627-A4 OR WO-9923524-A1 OR US-6091546-A OR JP-2001522063-A OR EP-1027627-B1 OR AU-2007205168-A1 OR CA-2636159-A1 OR AU-2007205168-B2 OR CA-2174510-A1 OR CA-2636159-C OR BR-PI0706349-A2 OR KR-20180037887-A OR US-20040108981-A1 OR CN-1529831-A OR CN-100365470-C OR TW-200409945-A OR CN-103033952-A OR CA-2377742-A1).did. (Artificial Intelligence) More like doc: US-11243416-B2 Text: (US-10061144-B2 OR US-9547184-B2 OR US-8905542-B2 OR US-8500271-B2 OR US-20050264752-A1 OR US-9690121-B2 OR US-7922321-B2 OR US-11086147-B2 OR US-8109629-B2 OR US-20180335650-A1 OR US-11762224-B2 OR US-20110187990-A1 OR US-20170090219-A1 OR US-20150085245-A1 OR US-20130308089-A1 OR US-20210364828-A1 OR US-20170146829-A1 OR US-11733549-B2 OR US-20190033623-A1 OR US-20220260859-A1).did.	CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 01:35 PM
L2110	40	(Artificial Intelligence) More like doc: JP-2005167902-A Text: (JP-2007318476-A OR JP-4887907-B2 OR JP-2009157290-A OR US-8174569-B2 OR JP-2004120154-A OR US-20070291966-A1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO,	OR	ON	ON	2023/11/21 01:35 PM

		US-20030090439-A1 OR WO-03023756-A1 OR EP-1433160-A1 OR JP-2006209144-A OR WO-2018186062-A1 OR US-20200053449- A1 OR JP- WO2018186062-A1 OR US-20120268433-A1 OR US-11109137-B2 OR JP-7088172-B2 OR US-6356392-B1 OR CN-110463221-B OR US-6204974-B1 OR EP-1027626-B1).did.	NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L2111	235	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND (touch WITH sensit\$4) AND (force WITH sensor))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 01:40 PM
L2112	2	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND impair\$4 AND	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 01:41 PM

L2113	36	compensat\$4 AND (amplif\$6 WITH customiz\$4) AND (touch WITH sensit\$4) AND (force WITH sensor)) "9122082"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 02:41 PM
L2114	28	"10628831"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 02:41 PM
L2115	45	"11204512"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 02:41 PM
L2116	27	"11243416"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY,	OR	ON	ON	2023/11/21 02:41 PM

L2117	66	"11183269"	CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/11/21 02:41 PM
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PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N272	13372	((("HOWELL") near3 ("Thomas"))) OR ((("CHAO") near3 ("David"))) OR ((("THOMAS") near3 ("C"))) OR ((("TONG") near3 ("Peter")))).INV.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/20 04:37 PM
N273	139	((("HOWELL") near3 ("Thomas"))) OR ((("CHAO") near3 ("David"))) OR ((("THOMAS") near3 ("C"))) OR ((("TONG") near3 ("Peter")))).INV. AND (eyewear\$4 OR glasses\$4 OR spetaci\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/20 04:37 PM

N274	125	((("HOWELL") near3 ("Thomas")) OR ((("CHAO") near3 ("David")) OR ((("THOMAS") near3 ("C")) OR ((("TONG") near3 ("Peter")))).INV. AND (eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4)	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/20 04:37 PM
N275	121	((("HOWELL") near3 ("Thomas")) OR ((("CHAO") near3 ("David")) OR ((("THOMAS") near3 ("C")) OR ((("TONG") near3 ("Peter")))).INV. AND (eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND (communicat\$4 near10 wireless\$4) AND (audio OR speak\$4) AND embed\$4	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/20 04:37 PM
N276	99	((("HOWELL") near3 ("Thomas")) OR ((("CHAO") near3 ("David")) OR ((("THOMAS") near3 ("C")) OR ((("TONG") near3 ("Peter")))).INV. AND (eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/20 04:37 PM

N277	80	embed\$4 AND microphone (((("HOWELL") near3 ("Thomas")) OR (("CHAO") near3 ("David")) OR (("THOMAS") near3 ("C")) OR ("TONG") near3 ("Peter")))).INV. AND (eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegals\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/20 04:37 PM
N278	80	(((("HOWELL") near3 ("Thomas")) OR (("CHAO") near3 ("David")) OR (("THOMAS") near3 ("C")) OR ("TONG") near3 ("Peter")))).INV. AND (eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegals\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/20 04:37 PM
N279	75	(((("HOWELL") near3 ("Thomas")) OR (("CHAO") near3 ("David")) OR (("THOMAS") near3 ("C")) OR ("TONG") near3 ("Peter")))).INV. AND (eyewear\$4 OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/20 04:37 PM

		glasses\$4 OR spectacles\$4 OR eyeglasses\$4) AND frame AND circuit AND control\$4 AND (memory\$4 OR storage\$4) AND battery\$4 AND connectivity\$4 AND communication\$4 AND (audio OR speaker\$4) AND wireless\$4 AND embedded\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4					
N298	2092	((eyewear\$4 OR glasses\$4 OR spectacles\$4 OR eyeglasses\$4) AND frame AND control\$4).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/20 05:29 PM
N299	807	((eyewear\$4 OR glasses\$4 OR spectacles\$4 OR eyeglasses\$4) AND frame AND control\$4 AND (memory\$4 OR storage\$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/20 05:29 PM
N300	161	((eyewear\$4 OR glasses\$4 OR spectacles\$4 OR eyeglasses\$4) AND frame AND circuit AND control\$4 AND (memory\$4 OR storage\$4)) .clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/20 05:29 PM
N301	124	((eyewear\$4 OR glasses\$4 OR spectacles\$4 OR eyeglasses\$4) AND frame AND circuit AND control\$4 AND (memory\$4 OR storage\$4) AND connectivity\$4).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 08:02 AM
N302	40	((eyewear\$4 OR glasses\$4 OR spectacles\$4 OR eyeglasses\$4) AND frame AND circuit AND control\$4 AND (memory\$4 OR storage\$4) AND battery\$4 AND connectivity\$4).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 08:02 AM
N303	34	((eyewear\$4 OR glasses\$4 OR spectacles\$4 OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 08:02 AM

N304	11	eyegalss\$4) AND (temple SAME (speakers WITH audio))).clm. ((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 09:34 AM
N305	7	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 09:34 AM
N306	5	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 09:34 AM
N307	5	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND temple AND ((speaker\$2 OR audio) SAME (sound WITH guid\$4))).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 10:28 AM
N308	4	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4)	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 10:28 AM

N309	4	AND batter\$4 AND connect\$4 AND (communicat\$4 near10 wireless\$4) AND (audio OR speak\$4) AND embed\$4).clm. ((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 10:28 AM
N310	3	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 11:17 AM
N311	0	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 11:17 AM
N312	0	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND circuit AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 11:17 AM

N313	0	eyegalss\$4) AND frame AND (circuit near10 board) AND control\$4 AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 12:52 PM
N314	0	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND batter\$4 AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 12:52 PM
N315	0	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 12:52 PM

N317	0	eyegalss\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND impair\$4 AND compensat\$4 AND amplif\$6 AND customiz\$4).clm. ((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND impair\$4 AND compensat\$4 AND (amplif\$6 WITH customiz\$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 01:35 PM
N318	0	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 01:37 PM

N319	0	embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND impair\$4 AND compensat\$4 AND (amplif\$6 WITH customiz\$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 01:39 PM
N320	0	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND (touch WITH sensit\$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 01:39 PM
N321	0	((eyewear\$4 OR glasses\$4 OR spetac\$4 OR eyegalss\$4) AND frame AND (circuit near10 board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND (touch WITH sensit\$4) AND (force WITH sensor)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/21 01:40 PM

		board) AND (electric\$4 WITH control\$4) AND (memor\$4 OR stor\$4) AND (batter\$4 near10 rechargeable) AND connect\$4 AND communicat\$4 AND (audio OR speak\$4) AND wireless\$4 AND embed\$4 AND microphone AND left AND right AND first AND second AND bridge AND partial\$4 AND impair\$4 AND compensat\$4 AND (amplif\$6 WITH customiz\$4) AND (touch WITH sensit\$4) AND (force WITH sensor)).clm.					
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PE2E SEARCH - Search History (Similarity Search)

No Similarity Results available

Web Search History

date, time	web site	search string
11/21/2023 7:59:44 AM	Google Images	vr glasses
11/21/2023 7:59:44 AM	Google	vr glasses
11/21/2023 8:00:03 AM	Google Images	Best VR headset
11/21/2023 8:00:03 AM	Google	Best VR headset
11/21/2023 8:00:11 AM	Google Images	VR Headset for Phone
11/21/2023 8:00:11 AM	Google	VR Headset for Phone
11/21/2023 8:00:25 AM	Google Images	AR glasses
11/21/2023 8:00:25 AM	Google	AR glasses
11/21/2023 8:01:14 AM	Google Images	audio smart glasses
11/21/2023 8:01:14 AM	Google	audio smart glasses
11/21/2023 8:14:59 AM	Google Scholar	(temple) (glasses) (user) (electrical components) (connector)
11/21/2023 8:14:59 AM	Google Patents	Search Term 1 (temple) (glasses) (user) (electrical components) (connector) Before Priority Date: priority:20040728
11/21/2023 8:15:01 AM	Google Scholar	temple glasses user electrical components connector

date, time	web site	search string
11/21/2023 8:15:01 AM	Google Patents	Search Term 1 temple Search Term 2 glasses Search Term 3 user Search Term 4 electrical components Search Term 5 connector Before Priority Date: priority:20040728
11/21/2023 8:15:53 AM	Google Scholar	(eyeglass) (bracket) (spectacles) (spectacle) (combined)
11/21/2023 8:15:54 AM	Google Scholar	eyeglass bracket spectacles spectacle combined
11/21/2023 8:15:54 AM	Google Patents	Search Term 1 eyeglass Search Term 2 bracket Search Term 3 spectacles Search Term 4 spectacle Search Term 5 combined Before Priority Date: priority:18850623
11/21/2023 8:16:18 AM	Google Scholar	(globes) (globe) (lighting device) (facially) (annular)
11/21/2023 8:16:18 AM	Google Patents	Search Term 1 (globes) (globe) (lighting device) (facially) (annular) Before Priority Date: priority:18990707
11/21/2023 8:16:19 AM	Google Scholar	globes globe lighting device facially annular

date, time	web site	search string
11/21/2023 8:16:19 AM	Google Patents	Search Term 1 globes Search Term 2 globe Search Term 3 lighting device Search Term 4 facially Search Term 5 annular Before Priority Date: priority:18990707
11/21/2023 8:16:28 AM	Google Scholar	(lamp) (frame) (spectacle) (socket) (opening)
11/21/2023 8:16:29 AM	Google Scholar	lamp frame spectacle socket opening
11/21/2023 8:16:29 AM	Google Patents	Search Term 1 lamp Search Term 2 frame Search Term 3 spectacle Search Term 4 socket Search Term 5 opening Before Priority Date: priority:19160412
11/21/2023 8:16:35 AM	Google Scholar	(fuse) (insert) (plug) (slots) (contact)
11/21/2023 8:16:35 AM	Google Patents	Search Term 1 (fuse) (insert) (plug) (slots) (contact) Before Priority Date: priority:19310529
11/21/2023 8:16:36 AM	Google Scholar	fuse insert plug slots contact

date, time	web site	search string
11/21/2023 8:16:36 AM	Google Patents	Search Term 1 fuse Search Term 2 insert Search Term 3 plug Search Term 4 slots Search Term 5 contact Before Priority Date: priority:19310529
11/21/2023 8:16:43 AM	Google Scholar	(head) (bone) (receiver) (hearing) (contact surface)
11/21/2023 8:16:43 AM	Google Patents	Search Term 1 (head) (bone) (receiver) (hearing) (contact surface) Before Priority Date: priority:19330718
11/21/2023 8:16:45 AM	Google Scholar	head bone receiver hearing contact surface
11/21/2023 8:16:45 AM	Google Patents	Search Term 1 head Search Term 2 bone Search Term 3 receiver Search Term 4 hearing Search Term 5 contact surface Before Priority Date: priority:19330718
11/21/2023 8:16:54 AM	Google Scholar	(light) (spectacle frame) (battery) (bulb) (frame)
11/21/2023 8:16:54 AM	Google Patents	Search Term 1 (light) (spectacle frame) (battery) (bulb) (frame) Before Priority Date: priority:19490323
11/21/2023 8:16:55 AM	Google Scholar	light spectacle frame battery bulb frame

date, time	web site	search string
11/21/2023 8:16:55 AM	Google Patents	Search Term 1 light Search Term 2 spectacle frame Search Term 3 battery Search Term 4 bulb Search Term 5 frame Before Priority Date: priority:19490323
11/21/2023 8:17:02 AM	Google Scholar	(hearing aid) (ear) (frame) (spectacles) (parts)
11/21/2023 8:17:04 AM	Google Scholar	hearing aid ear frame spectacles parts
11/21/2023 8:17:04 AM	Google Patents	Search Term 1 hearing aid Search Term 2 ear Search Term 3 frame Search Term 4 spectacles Search Term 5 parts Before Priority Date: priority:19530316
11/21/2023 8:21:32 AM	Google Images	Audio smart glasses review
11/21/2023 8:21:32 AM	Google	Audio smart glasses review
11/21/2023 8:21:47 AM	Google Images	Best audio smart glasses
11/21/2023 8:21:47 AM	Google	Best audio smart glasses
11/21/2023 8:21:51 AM	Google	Best Bluetooth sunglasses
11/21/2023 8:22:42 AM	Google Images	electronic eyeglasses
11/21/2023 8:22:42 AM	Google	electronic eyeglasses

date, time	web site	search string
11/21/2023 8:23:28 AM	Google Images	electric eyeglasses AND speakers
11/21/2023 8:23:28 AM	Google	electric eyeglasses AND speakers
11/21/2023 8:46:48 AM	Google Scholar	(radiation) (crystal) (impedance) (spectral ranges) (exciter)
11/21/2023 8:46:48 AM	Google Patents	Search Term 1 (radiation) (crystal) (impedance) (spectral ranges) (exciter) Before Priority Date: priority:19531013
11/21/2023 8:46:49 AM	Google Scholar	radiation crystal impedance spectral ranges exciter
11/21/2023 8:46:49 AM	Google Patents	Search Term 1 radiation Search Term 2 crystal Search Term 3 impedance Search Term 4 spectral ranges Search Term 5 exciter Before Priority Date: priority:19531013
11/21/2023 8:46:56 AM	Google Scholar	(earphone) (seating) (hearing) (aid) (automatic self)
11/21/2023 8:46:56 AM	Google Patents	Search Term 1 (earphone) (seating) (hearing) (aid) (automatic self) Before Priority Date: priority:19541018
11/21/2023 8:46:57 AM	Google Scholar	earphone seating hearing aid automatic self

date, time	web site	search string
11/21/2023 8:46:57 AM	Google Patents	Search Term 1 earphone Search Term 2 seating Search Term 3 hearing Search Term 4 aid Search Term 5 automatic self Before Priority Date: priority:19541018
11/21/2023 8:47:04 AM	Google Scholar	(mount) (temple) (temples) (hinge) (ophthalmic)
11/21/2023 8:47:04 AM	Google Patents	Search Term 1 (mount) (temple) (temples) (hinge) (ophthalmic) Before Priority Date: priority:19550804
11/21/2023 8:47:05 AM	Google Scholar	mount temple temples hinge ophthalmic
11/21/2023 8:47:05 AM	Google Patents	Search Term 1 mount Search Term 2 temple Search Term 3 temples Search Term 4 hinge Search Term 5 ophthalmic Before Priority Date: priority:19550804
11/21/2023 8:47:12 AM	Google Scholar	(hearing aid) (temples) (temple) (circuit) (recess)
11/21/2023 8:47:12 AM	Google Patents	Search Term 1 (hearing aid) (temples) (temple) (circuit) (recess) Before Priority Date: priority:19551208
11/21/2023 8:47:13 AM	Google Scholar	hearing aid temples temple circuit recess

date, time	web site	search string
11/21/2023 8:47:13 AM	Google Patents	Search Term 1 hearing aid Search Term 2 temples Search Term 3 temple Search Term 4 circuit Search Term 5 recess Before Priority Date: priority:19551208
11/21/2023 8:53:26 AM	Google Scholar	(hearing aid) (temple) (temples) (microphone) (housing)
11/21/2023 8:53:26 AM	Google Patents	Search Term 1 (hearing aid) (temple) (temples) (microphone) (housing) Before Priority Date: priority:19570225
11/21/2023 8:53:27 AM	Google Scholar	hearing aid temple temples microphone housing
11/21/2023 8:53:27 AM	Google Patents	Search Term 1 hearing aid Search Term 2 temple Search Term 3 temples Search Term 4 microphone Search Term 5 housing Before Priority Date: priority:19570225
11/21/2023 8:53:33 AM	Google Scholar	(lamp) (recess) (frame) (recesses) (spectacles)
11/21/2023 8:53:33 AM	Google Patents	Search Term 1 (lamp) (recess) (frame) (recesses) (spectacles) Before Priority Date: priority:19570412
11/21/2023 8:53:35 AM	Google Scholar	lamp recess frame recesses spectacles

date, time	web site	search string
11/21/2023 8:53:35 AM	Google Patents	Search Term 1 lamp Search Term 2 recess Search Term 3 frame Search Term 4 recesses Search Term 5 spectacles Before Priority Date: priority:19570412
11/21/2023 8:53:41 AM	Google Scholar	(optical device) (lens) (illuminated optical) (frame) (bulbs)
11/21/2023 8:53:41 AM	Google Patents	Search Term 1 (optical device) (lens) (illuminated optical) (frame) (bulbs) Before Priority Date: priority:19590508
11/21/2023 8:53:43 AM	Google Scholar	optical device lens illuminated optical frame bulbs
11/21/2023 8:53:43 AM	Google Patents	Search Term 1 optical device Search Term 2 lens Search Term 3 illuminated optical Search Term 4 frame Search Term 5 bulbs Before Priority Date: priority:19590508
11/21/2023 8:53:50 AM	Google Scholar	(output) (integrator) (sunburn) (switch) (solar radiation)
11/21/2023 8:53:50 AM	Google Patents	Search Term 1 (output) (integrator) (sunburn) (switch) (solar radiation) Before Priority Date: priority:19690804
11/21/2023 8:53:51 AM	Google Scholar	output integrator sunburn switch solar radiation

date, time	web site	search string
11/21/2023 8:53:51 AM	Google Patents	Search Term 1 output Search Term 2 integrator Search Term 3 sunburn Search Term 4 switch Search Term 5 solar radiation Before Priority Date: priority:19690804
11/21/2023 8:55:40 AM	Google Scholar	(spectacles) (ultraviolet) (pair) (bodies) (wearer)
11/21/2023 8:55:40 AM	Google Patents	Search Term 1 (spectacles) (ultraviolet) (pair) (bodies) (wearer) Before Priority Date: priority:19691217
11/21/2023 8:55:41 AM	Google Scholar	spectacles ultraviolet pair bodies wearer
11/21/2023 8:55:41 AM	Google Patents	Search Term 1 spectacles Search Term 2 ultraviolet Search Term 3 pair Search Term 4 bodies Search Term 5 wearer Before Priority Date: priority:19691217
11/21/2023 8:55:47 AM	Google Scholar	(temple) (tip) (electrical) (members) (engageable)
11/21/2023 8:55:47 AM	Google Patents	Search Term 1 (temple) (tip) (electrical) (members) (engageable) Before Priority Date: priority:19710318
11/21/2023 8:55:48 AM	Google Scholar	temple tip electrical members engageable

date, time	web site	search string
11/21/2023 8:55:48 AM	Google Patents	Search Term 1 temple Search Term 2 tip Search Term 3 electrical Search Term 4 members Search Term 5 engageable Before Priority Date: priority:19710318
11/21/2023 8:55:54 AM	Google Scholar	(polarization direction) (images) (stereoscopic display) (vibration) (light)
11/21/2023 8:55:54 AM	Google Patents	Search Term 1 (polarization direction) (images) (stereoscopic display) (vibration) (light) Before Priority Date: priority:19730511
11/21/2023 8:55:55 AM	Google Scholar	polarization direction images stereoscopic display vibration light
11/21/2023 8:55:55 AM	Google Patents	Search Term 1 polarization direction Search Term 2 images Search Term 3 stereoscopic display Search Term 4 vibration Search Term 5 light Before Priority Date: priority:19730511
11/21/2023 8:56:02 AM	Google Scholar	(clip) (contacts) (frame) (reading aid) (pair)
11/21/2023 8:56:02 AM	Google Patents	Search Term 1 (clip) (contacts) (frame) (reading aid) (pair) Before Priority Date: priority:19740430
11/21/2023 8:56:03 AM	Google Scholar	clip contacts frame reading aid pair

date, time	web site	search string
11/21/2023 8:56:03 AM	Google Patents	Search Term 1 clip Search Term 2 contacts Search Term 3 frame Search Term 4 reading aid Search Term 5 pair Before Priority Date: priority:19740430
11/21/2023 8:56:09 AM	Google Scholar	(signal) (patrons) (audio) (output signal) (frequency)
11/21/2023 8:56:09 AM	Google Patents	Search Term 1 (signal) (patrons) (audio) (output signal) (frequency) Before Priority Date: priority:19780410
11/21/2023 8:56:11 AM	Google Scholar	signal patrons audio output signal frequency
11/21/2023 8:56:11 AM	Google Patents	Search Term 1 signal Search Term 2 patrons Search Term 3 audio Search Term 4 output signal Search Term 5 frequency Before Priority Date: priority:19780410
11/21/2023 9:08:29 AM	Google Scholar	(matrix) (led) (sequentially) (clock signal) (pair)
11/21/2023 9:08:29 AM	Google Patents	Search Term 1 (matrix) (led) (sequentially) (clock signal) (pair) Before Priority Date: priority:19781027
11/21/2023 9:08:30 AM	Google Scholar	matrix led sequentially clock signal pair

date, time	web site	search string
11/21/2023 9:08:30 AM	Google Patents	Search Term 1 matrix Search Term 2 led Search Term 3 sequentially Search Term 4 clock signal Search Term 5 pair Before Priority Date: priority:19781027
11/21/2023 9:08:36 AM	Google Scholar	(cell) (subject) (ultraviolet light) (ultraviolet) (predetermined value)
11/21/2023 9:08:37 AM	Google Scholar	cell subject ultraviolet light ultraviolet predetermined value
11/21/2023 9:08:37 AM	Google Patents	Search Term 1 cell Search Term 2 subject Search Term 3 ultraviolet light Search Term 4 ultraviolet Search Term 5 predetermined value Before Priority Date: priority:19781030
11/21/2023 9:08:43 AM	Google Scholar	(radiation) (exposure) (color) (unit) (temperature)
11/21/2023 9:08:43 AM	Google Patents	Search Term 1 (radiation) (exposure) (color) (unit) (temperature) Before Priority Date: priority:19790511
11/21/2023 9:08:44 AM	Google Scholar	radiation exposure color unit temperature

date, time	web site	search string
11/21/2023 9:08:44 AM	Google Patents	Search Term 1 radiation Search Term 2 exposure Search Term 3 color Search Term 4 unit Search Term 5 temperature Before Priority Date: priority:19790511
11/21/2023 9:08:50 AM	Google Scholar	(frame) (light emitting) (eyeglasses) (pair) (switch)
11/21/2023 9:08:50 AM	Google Patents	Search Term 1 (frame) (light emitting) (eyeglasses) (pair) (switch) Before Priority Date: priority:19791129
11/21/2023 9:08:52 AM	Google Scholar	frame light emitting eyeglasses pair switch
11/21/2023 9:08:52 AM	Google Patents	Search Term 1 frame Search Term 2 light emitting Search Term 3 eyeglasses Search Term 4 pair Search Term 5 switch Before Priority Date: priority:19791129
11/21/2023 9:08:57 AM	Google Scholar	(clothing) (speaker) (article) (enclosure) (pin)
11/21/2023 9:08:59 AM	Google Scholar	clothing speaker article enclosure pin

date, time	web site	search string
11/21/2023 9:08:59 AM	Google Patents	Search Term 1 clothing Search Term 2 speaker Search Term 3 article Search Term 4 enclosure Search Term 5 pin Before Priority Date: priority:19800505
11/21/2023 9:10:05 AM	Google Scholar	(eyewear) (temple) (temples) (frame) (transceiver)
11/21/2023 9:10:05 AM	Google Patents	Search Term 1 (eyewear) (temple) (temples) (frame) (transceiver) Before Priority Date: priority:20010430
11/21/2023 9:10:07 AM	Google Scholar	eyewear temple temples frame transceiver
11/21/2023 9:10:07 AM	Google Patents	Search Term 1 eyewear Search Term 2 temple Search Term 3 temples Search Term 4 frame Search Term 5 transceiver Before Priority Date: priority:20010430
11/21/2023 9:10:49 AM	Google Scholar	(audio) (audio device) (signal) (transceiver) (user)
11/21/2023 9:10:49 AM	Google Patents	Search Term 1 (audio) (audio device) (signal) (transceiver) (user) Before Priority Date: priority:20020726
11/21/2023 9:10:50 AM	Google Scholar	audio audio device signal transceiver user

date, time	web site	search string
11/21/2023 9:10:50 AM	Google Patents	Search Term 1 audio Search Term 2 audio device Search Term 3 signal Search Term 4 transceiver Search Term 5 user Before Priority Date: priority:20020726
11/21/2023 9:11:03 AM	Google Scholar	(support) (wearer) (eyeglass) (frame) (audio)
11/21/2023 9:11:03 AM	Google Patents	Search Term 1 (support) (wearer) (eyeglass) (frame) (audio) Before Priority Date: priority:20000602
11/21/2023 9:11:04 AM	Google Scholar	support wearer eyeglass frame audio
11/21/2023 9:11:04 AM	Google Patents	Search Term 1 support Search Term 2 wearer Search Term 3 eyeglass Search Term 4 frame Search Term 5 audio Before Priority Date: priority:20000602
11/21/2023 9:11:12 AM	Google Scholar	(eyewear) (frame) (temple) (radio frequency) (frequency transceiver)
11/21/2023 9:11:12 AM	Google Patents	Search Term 1 (eyewear) (frame) (temple) (radio frequency) (frequency transceiver) Before Priority Date: priority:20010430
11/21/2023 9:11:13 AM	Google Scholar	eyewear frame temple radio frequency frequency transceiver

date, time	web site	search string
11/21/2023 9:11:13 AM	Google Patents	Search Term 1 eyewear Search Term 2 frame Search Term 3 temple Search Term 4 radio frequency Search Term 5 frequency transceiver Before Priority Date: priority:20010430
11/21/2023 9:28:25 AM	Google Scholar	(cord) (eyeglass) (tethered) (electrical) (recited)
11/21/2023 9:28:25 AM	Google Patents	Search Term 1 (cord) (eyeglass) (tethered) (electrical) (recited) Before Priority Date: priority:20030415
11/21/2023 9:28:26 AM	Google Scholar	cord eyeglass tethered electrical recited
11/21/2023 9:28:26 AM	Google Patents	Search Term 1 cord Search Term 2 eyeglass Search Term 3 tethered Search Term 4 electrical Search Term 5 recited Before Priority Date: priority:20030415
11/21/2023 9:28:38 AM	Google Scholar	(speaker) (audio device) (audio) (support) (wearable wireless)
11/21/2023 9:28:38 AM	Google Patents	Search Term 1 (speaker) (audio device) (audio) (support) (wearable wireless) Before Priority Date: priority:20000602
11/21/2023 9:28:40 AM	Google Scholar	speaker audio device audio support wearable wireless

date, time	web site	search string
11/21/2023 9:28:40 AM	Google Patents	Search Term 1 speaker Search Term 2 audio device Search Term 3 audio Search Term 4 support Search Term 5 wearable wireless Before Priority Date: priority:20000602
11/21/2023 9:28:46 AM	Google Scholar	(radiation) (output) (electronic circuit) (recited) (monitoring)
11/21/2023 9:28:46 AM	Google Patents	Search Term 1 (radiation) (output) (electronic circuit) (recited) (monitoring) Before Priority Date: priority:20040415
11/21/2023 9:28:47 AM	Google Scholar	radiation output electronic circuit recited monitoring
11/21/2023 9:28:47 AM	Google Patents	Search Term 1 radiation Search Term 2 output Search Term 3 electronic circuit Search Term 4 recited Search Term 5 monitoring Before Priority Date: priority:20040415
11/21/2023 9:28:53 AM	Google Scholar	(eyeglasses) (wireless) (arms) (wireless communication) (frame)
11/21/2023 9:28:53 AM	Google Patents	Search Term 1 (eyeglasses) (wireless) (arms) (wireless communication) (frame) Before Priority Date: priority:20030415

date, time	web site	search string
11/21/2023 9:28:54 AM	Google Scholar	eyeglasses wireless arms wireless communication frame
11/21/2023 9:28:54 AM	Google Patents	Search Term 1 eyeglasses Search Term 2 wireless Search Term 3 arms Search Term 4 wireless communication Search Term 5 frame Before Priority Date: priority:20030415
11/21/2023 9:29:00 AM	Google Scholar	(coupled) (microphone) (speaker) (eyeglasses) (frame)
11/21/2023 9:29:00 AM	Google Patents	Search Term 1 (coupled) (microphone) (speaker) (eyeglasses) (frame) Before Priority Date: priority:20010621
11/21/2023 9:29:02 AM	Google Scholar	coupled microphone speaker eyeglasses frame
11/21/2023 9:29:02 AM	Google Patents	Search Term 1 coupled Search Term 2 microphone Search Term 3 speaker Search Term 4 eyeglasses Search Term 5 frame Before Priority Date: priority:20010621
11/21/2023 9:34:51 AM	Google Scholar	(display) (glasses) (display device) (frame) (integrated circuit)
11/21/2023 9:34:51 AM	Google Patents	Search Term 1 (display) (glasses) (display device) (frame) (integrated circuit) Before Priority Date: priority:19811226

date, time	web site	search string
11/21/2023 9:34:52 AM	Google Scholar	display glasses display device frame integrated circuit
11/21/2023 9:34:52 AM	Google Patents	Search Term 1 display Search Term 2 glasses Search Term 3 display device Search Term 4 frame Search Term 5 integrated circuit Before Priority Date: priority:19811226
11/21/2023 9:35:00 AM	Google Scholar	(display) (circuit) (frame) (glasses) (earphone)
11/21/2023 9:35:00 AM	Google Patents	Search Term 1 (display) (circuit) (frame) (glasses) (earphone) Before Priority Date: priority:19811226
11/21/2023 9:35:02 AM	Google Scholar	display circuit frame glasses earphone
11/21/2023 9:35:02 AM	Google Patents	Search Term 1 display Search Term 2 circuit Search Term 3 frame Search Term 4 glasses Search Term 5 earphone Before Priority Date: priority:19811226
11/21/2023 9:35:12 AM	Google Scholar	(cell) (photodetector) (protective glasses) (generator) (glasses according)
11/21/2023 9:35:12 AM	Google Patents	Search Term 1 (cell) (photodetector) (protective glasses) (generator) (glasses according) Before Priority Date: priority:19820706

date, time	web site	search string
11/21/2023 9:35:13 AM	Google Scholar	cell photodetector protective glasses generator glasses according
11/21/2023 9:35:13 AM	Google Patents	Search Term 1 cell Search Term 2 photodetector Search Term 3 protective glasses Search Term 4 generator Search Term 5 glasses according Before Priority Date: priority:19820706
11/21/2023 9:35:24 AM	Google Scholar	(alarm) (microprocessor) (value) (output signal) (photocell)
11/21/2023 9:35:24 AM	Google Patents	Search Term 1 (alarm) (microprocessor) (value) (output signal) (photocell) Before Priority Date: priority:19830519
11/21/2023 9:35:25 AM	Google Scholar	alarm microprocessor value output signal photocell
11/21/2023 9:35:25 AM	Google Patents	Search Term 1 alarm Search Term 2 microprocessor Search Term 3 value Search Term 4 output signal Search Term 5 photocell Before Priority Date: priority:19830519
11/21/2023 9:35:39 AM	Google Scholar	(camera) (cable) (wiring harness) (communication system) (power)

date, time	web site	search string
11/21/2023 9:35:39 AM	Google Patents	Search Term 1 (camera) (cable) (wiring harness) (communication system) (power) Before Priority Date: priority:20040309
11/21/2023 9:35:41 AM	Google Scholar	camera cable wiring harness communication system power
11/21/2023 9:35:41 AM	Google Patents	Search Term 1 camera Search Term 2 cable Search Term 3 wiring harness Search Term 4 communication system Search Term 5 power Before Priority Date: priority:20040309
11/21/2023 9:35:46 AM	Google Scholar	(earphone) (wearer) (eyeglass) (support) (lens)
11/21/2023 9:35:46 AM	Google Patents	Search Term 1 (earphone) (wearer) (eyeglass) (support) (lens) Before Priority Date: priority:20000602
11/21/2023 9:35:48 AM	Google Scholar	earphone wearer eyeglass support lens
11/21/2023 9:35:48 AM	Google Patents	Search Term 1 earphone Search Term 2 wearer Search Term 3 eyeglass Search Term 4 support Search Term 5 lens Before Priority Date: priority:20000602
11/21/2023 9:35:54 AM	Google Scholar	(glasses) (pair) (temple) (camera) (connector)

date, time	web site	search string
11/21/2023 9:35:54 AM	Google Patents	Search Term 1 (glasses) (pair) (temple) (camera) (connector) Before Priority Date: priority:20031009
11/21/2023 9:35:56 AM	Google Scholar	glasses pair temple camera connector
11/21/2023 9:35:56 AM	Google Patents	Search Term 1 glasses Search Term 2 pair Search Term 3 temple Search Term 4 camera Search Term 5 connector Before Priority Date: priority:20031009
11/21/2023 9:36:02 AM	Google Scholar	(user) (glasses) (sensor) (heart) (pair)
11/21/2023 9:36:02 AM	Google Patents	Search Term 1 (user) (glasses) (sensor) (heart) (pair) Before Priority Date: priority:20031009
11/21/2023 9:36:04 AM	Google Scholar	user glasses sensor heart pair
11/21/2023 9:36:04 AM	Google Patents	Search Term 1 user Search Term 2 glasses Search Term 3 sensor Search Term 4 heart Search Term 5 pair Before Priority Date: priority:20031009
11/21/2023 9:58:49 AM	Google Scholar	(eyeglasses) (pair) (activity) (monitoring system) (recited)

date, time	web site	search string
11/21/2023 9:58:49 AM	Google Patents	Search Term 1 (eyeglasses) (pair) (activity) (monitoring system) (recited) Before Priority Date: priority:20031009
11/21/2023 9:58:51 AM	Google Scholar	eyeglasses pair activity monitoring system recited
11/21/2023 9:58:51 AM	Google Patents	Search Term 1 eyeglasses Search Term 2 pair Search Term 3 activity Search Term 4 monitoring system Search Term 5 recited Before Priority Date: priority:20031009
11/21/2023 9:58:57 AM	Google Scholar	(pedometer) (glasses) (pair) (activity) (recited)
11/21/2023 9:58:57 AM	Google Patents	Search Term 1 (pedometer) (glasses) (pair) (activity) (recited) Before Priority Date: priority:20060920
11/21/2023 9:58:58 AM	Google Scholar	pedometer glasses pair activity recited
11/21/2023 9:58:58 AM	Google Patents	Search Term 1 pedometer Search Term 2 glasses Search Term 3 pair Search Term 4 activity Search Term 5 recited Before Priority Date: priority:20060920
11/21/2023 9:59:04 AM	Google Scholar	(piece) (temple) (frame) (utep) (electrical)

date, time	web site	search string
11/21/2023 9:59:04 AM	Google Patents	Search Term 1 (piece) (temple) (frame) (utep) (electrical) Before Priority Date: priority:20061027
11/21/2023 9:59:05 AM	Google Scholar	piece temple frame utep electrical
11/21/2023 9:59:05 AM	Google Patents	Search Term 1 piece Search Term 2 temple Search Term 3 frame Search Term 4 utep Search Term 5 electrical Before Priority Date: priority:20061027
11/21/2023 9:59:11 AM	Google Scholar	(electrical components) (eyewear system) (recited) (electrical) (tethered)
11/21/2023 9:59:11 AM	Google Patents	Search Term 1 (electrical components) (eyewear system) (recited) (electrical) (tethered) Before Priority Date: priority:20031009
11/21/2023 9:59:12 AM	Google Scholar	electrical components eyewear system recited electrical tethered
11/21/2023 9:59:12 AM	Google Patents	Search Term 1 electrical components Search Term 2 eyewear system Search Term 3 recited Search Term 4 electrical Search Term 5 tethered Before Priority Date: priority:20031009
11/21/2023 9:59:21 AM	Google Scholar	(eyewear) (temple) (rfid tag) (glasses) (recited)

date, time	web site	search string
11/21/2023 9:59:21 AM	Google Patents	Search Term 1 (eyewear) (temple) (rfid tag) (glasses) (recited) Before Priority Date: priority:20040728
11/21/2023 9:59:22 AM	Google Scholar	eyewear temple rfid tag glasses recited
11/21/2023 9:59:22 AM	Google Patents	Search Term 1 eyewear Search Term 2 temple Search Term 3 rfid tag Search Term 4 glasses Search Term 5 recited Before Priority Date: priority:20040728
11/21/2023 9:59:27 AM	Google Scholar	(music) (image data) (spectacle) (instrument) (music generation)
11/21/2023 9:59:27 AM	Google Patents	Search Term 1 (music) (image data) (spectacle) (instrument) (music generation) Before Priority Date: priority:20040430
11/21/2023 9:59:29 AM	Google Scholar	music image data spectacle instrument music generation
11/21/2023 9:59:29 AM	Google Patents	Search Term 1 music Search Term 2 image data Search Term 3 spectacle Search Term 4 instrument Search Term 5 music generation Before Priority Date: priority:20040430
11/21/2023 9:59:40 AM	Google Scholar	(housing) (photocell) (key) (value) (user)

date, time	web site	search string
11/21/2023 9:59:40 AM	Google Patents	Search Term 1 (housing) (photocell) (key) (value) (user) Before Priority Date: priority:19830519
11/21/2023 9:59:42 AM	Google Scholar	housing photocell key value user
11/21/2023 9:59:42 AM	Google Patents	Search Term 1 housing Search Term 2 photocell Search Term 3 key Search Term 4 value Search Term 5 user Before Priority Date: priority:19830519
11/21/2023 9:59:49 AM	Google Scholar	(timer) (sports) (electronic) (recited) (timing function)
11/21/2023 9:59:49 AM	Google Patents	Search Term 1 (timer) (sports) (electronic) (recited) (timing function) Before Priority Date: priority:19831121
11/21/2023 9:59:50 AM	Google Scholar	timer sports electronic recited timing function
11/21/2023 9:59:50 AM	Google Patents	Search Term 1 timer Search Term 2 sports Search Term 3 electronic Search Term 4 recited Search Term 5 timing function Before Priority Date: priority:19831121
11/21/2023 10:23:25 AM	Google Scholar	(eyeglasses) (improve natural) (natural hearing) (hearing) (improve)

date, time	web site	search string
11/21/2023 10:23:25 AM	Google Patents	Search Term 1 (eyeglasses) (improve natural) (natural hearing) (hearing) (improve) Before Priority Date: priority:19840322
11/21/2023 10:23:26 AM	Google Scholar	eyeglasses improve natural natural hearing hearing improve
11/21/2023 10:23:26 AM	Google Patents	Search Term 1 eyeglasses Search Term 2 improve natural Search Term 3 natural hearing Search Term 4 hearing Search Term 5 improve Before Priority Date: priority:19840322
11/21/2023 10:23:33 AM	Google Scholar	(stress) (individual) (eyeglasses) (alarms) (alarm)
11/21/2023 10:23:33 AM	Google Patents	Search Term 1 (stress) (individual) (eyeglasses) (alarms) (alarm) Before Priority Date: priority:19841212
11/21/2023 10:23:34 AM	Google Scholar	stress individual eyeglasses alarms alarm
11/21/2023 10:23:34 AM	Google Patents	Search Term 1 stress Search Term 2 individual Search Term 3 eyeglasses Search Term 4 alarms Search Term 5 alarm Before Priority Date: priority:19841212
11/21/2023 10:23:40 AM	Google Scholar	(tubing) (transducer) (sound) (housing) (section)

date, time	web site	search string
11/21/2023 10:23:40 AM	Google Patents	Search Term 1 (tubing) (transducer) (sound) (housing) (section) Before Priority Date: priority:19850611
11/21/2023 10:23:42 AM	Google Scholar	tubing transducer sound housing section
11/21/2023 10:23:42 AM	Google Patents	Search Term 1 tubing Search Term 2 transducer Search Term 3 sound Search Term 4 housing Search Term 5 section Before Priority Date: priority:19850611
11/21/2023 10:24:18 AM	Google Scholar	(locating) (hearing) (microphone) (impaired person) (microphone arrangement)
11/21/2023 10:24:18 AM	Google Patents	Search Term 1 (locating) (hearing) (microphone) (impaired person) (microphone arrangement) Before Priority Date: priority:19851016
11/21/2023 10:24:19 AM	Google Scholar	locating hearing microphone impaired person microphone arrangement
11/21/2023 10:24:19 AM	Google Patents	Search Term 1 locating Search Term 2 hearing Search Term 3 microphone Search Term 4 impaired person Search Term 5 microphone arrangement Before Priority Date: priority:19851016
11/21/2023 10:24:36 AM	Google Scholar	(radiation) (frame) (output) (eyewear) (glasses)

date, time	web site	search string
11/21/2023 10:24:36 AM	Google Patents	Search Term 1 (radiation) (frame) (output) (eyewear) (glasses) Before Priority Date: priority:20040415
11/21/2023 10:24:38 AM	Google Scholar	radiation frame output eyewear glasses
11/21/2023 10:24:38 AM	Google Patents	Search Term 1 radiation Search Term 2 frame Search Term 3 output Search Term 4 eyewear Search Term 5 glasses Before Priority Date: priority:20040415
11/21/2023 10:24:43 AM	Google Scholar	(optical) (optical element) (adjustable) (adjustable connector) (wearer)
11/21/2023 10:24:44 AM	Google Scholar	optical optical element adjustable adjustable connector wearer
11/21/2023 10:24:44 AM	Google Patents	Search Term 1 optical Search Term 2 optical element Search Term 3 adjustable Search Term 4 adjustable connector Search Term 5 wearer Before Priority Date: priority:20061214
11/21/2023 10:24:50 AM	Google Scholar	(speaker) (detachable module) (detachable) (earstem)

date, time	web site	search string
11/21/2023 10:24:50 AM	Google Patents	Search Term 1 (speaker) (detachable module) (detachable) (earstem) Assignee(s) [module] Before Priority Date: priority:20000602
11/21/2023 10:24:51 AM	Google Scholar	speaker module detachable module detachable earstem
11/21/2023 10:24:51 AM	Google Patents	Search Term 1 speaker Search Term 2 module Search Term 3 detachable module Search Term 4 detachable Search Term 5 earstem Before Priority Date: priority:20000602
11/21/2023 10:24:57 AM	Google Scholar	(electro) (active) (frame) (spectacles) (electronic module)
11/21/2023 10:24:58 AM	Google Scholar	electro active frame spectacles electronic module
11/21/2023 10:24:58 AM	Google Patents	Search Term 1 electro Search Term 2 active Search Term 3 frame Search Term 4 spectacles Search Term 5 electronic module Before Priority Date: priority:20090109
11/21/2023 10:32:01 AM	Google Scholar	(glasses) (audio signals) (user) (frame) (hearing)

date, time	web site	search string
11/21/2023 10:32:01 AM	Google Patents	Search Term 1 (glasses) (audio signals) (user) (frame) (hearing) Before Priority Date: priority:20031009
11/21/2023 10:32:02 AM	Google Scholar	glasses audio signals user frame hearing
11/21/2023 10:32:02 AM	Google Patents	Search Term 1 glasses Search Term 2 audio signals Search Term 3 user Search Term 4 frame Search Term 5 hearing Before Priority Date: priority:20031009
11/21/2023 10:32:08 AM	Google Scholar	(frame) (electro) (active) (module) (electronic)
11/21/2023 10:32:08 AM	Google Patents	Search Term 1 (frame) (electro) (active) (module) (electronic) Before Priority Date: priority:20060503
11/21/2023 10:32:09 AM	Google Scholar	frame electro active module electronic
11/21/2023 10:32:09 AM	Google Patents	Search Term 1 frame Search Term 2 electro Search Term 3 active Search Term 4 module Search Term 5 electronic Before Priority Date: priority:20060503
11/21/2023 10:32:16 AM	Google Scholar	(temple) (glasses) (pair) (electronic device) (arrangement)

date, time	web site	search string
11/21/2023 10:32:16 AM	Google Patents	Search Term 1 (temple) (glasses) (pair) (electronic device) (arrangement) Before Priority Date: priority:20031009
11/21/2023 10:32:17 AM	Google Scholar	temple glasses pair electronic device arrangement
11/21/2023 10:32:17 AM	Google Patents	Search Term 1 temple Search Term 2 glasses Search Term 3 pair Search Term 4 electronic device Search Term 5 arrangement Before Priority Date: priority:20031009
11/21/2023 10:32:24 AM	Google Scholar	(temple) (eyewear) (recited) (eyeglass frame) (electrical components)
11/21/2023 10:32:24 AM	Google Patents	Search Term 1 (temple) (eyewear) (recited) (eyeglass frame) (electrical components) Before Priority Date: priority:20031009
11/21/2023 10:32:26 AM	Google Scholar	temple eyewear recited eyeglass frame electrical components
11/21/2023 10:32:26 AM	Google Patents	Search Term 1 temple Search Term 2 eyewear Search Term 3 recited Search Term 4 eyeglass frame Search Term 5 electrical components Before Priority Date: priority:20031009
11/21/2023 10:34:29 AM	Google Scholar	(dosimeter) (radiation) (function) (signal) (magnitude)

date, time	web site	search string
11/21/2023 10:34:29 AM	Google Patents	Search Term 1 (dosimeter) (radiation) (function) (signal) (magnitude) Before Priority Date: priority:19851126
11/21/2023 10:34:30 AM	Google Scholar	dosimeter radiation function signal magnitude
11/21/2023 10:34:30 AM	Google Patents	Search Term 1 dosimeter Search Term 2 radiation Search Term 3 function Search Term 4 signal Search Term 5 magnitude Before Priority Date: priority:19851126
11/21/2023 10:34:36 AM	Google Scholar	(speedometer) (sportsman) (reflector) (speed) (waves)
11/21/2023 10:34:36 AM	Google Patents	Search Term 1 (speedometer) (sportsman) (reflector) (speed) (waves) Before Priority Date: priority:19860925
11/21/2023 10:34:38 AM	Google Scholar	speedometer sportsman reflector speed waves
11/21/2023 10:34:38 AM	Google Patents	Search Term 1 speedometer Search Term 2 sportsman Search Term 3 reflector Search Term 4 speed Search Term 5 waves Before Priority Date: priority:19860925
11/21/2023 10:34:44 AM	Google Scholar	(region) (glasses) (narrow) (transmissivity) (prescription)

date, time	web site	search string
11/21/2023 10:34:44 AM	Google Patents	Search Term 1 (region) (glasses) (narrow) (transmissivity) (prescription) Before Priority Date: priority:19870330
11/21/2023 10:34:45 AM	Google Scholar	region glasses narrow transmissivity prescription
11/21/2023 10:34:45 AM	Google Patents	Search Term 1 region Search Term 2 glasses Search Term 3 narrow Search Term 4 transmissivity Search Term 5 prescription Before Priority Date: priority:19870330
11/21/2023 10:34:52 AM	Google Scholar	(spectacles) (display) (time) (sunglasses) (light emitting)
11/21/2023 10:34:52 AM	Google Patents	Search Term 1 (spectacles) (display) (time) (sunglasses) (light emitting) Before Priority Date: priority:19870701
11/21/2023 10:34:53 AM	Google Scholar	spectacles display time sunglasses light emitting
11/21/2023 10:34:53 AM	Google Patents	Search Term 1 spectacles Search Term 2 display Search Term 3 time Search Term 4 sunglasses Search Term 5 light emitting Before Priority Date: priority:19870701
11/21/2023 10:49:11 AM	Google Scholar	(set forth) (apparatus set) (lens) (wearer) (display)

date, time	web site	search string
11/21/2023 10:49:11 AM	Google Patents	Search Term 1 (set forth) (apparatus set) (lens) (wearer) (display) Before Priority Date: priority:19870706
11/21/2023 10:49:12 AM	Google Scholar	set forth apparatus set lens wearer display
11/21/2023 10:49:12 AM	Google Patents	Search Term 1 set forth Search Term 2 apparatus set Search Term 3 lens Search Term 4 wearer Search Term 5 display Before Priority Date: priority:19870706
11/21/2023 10:49:18 AM	Google Scholar	(temples) (frame) (radio) (loud speakers) (speakers)
11/21/2023 10:49:20 AM	Google Scholar	temples frame radio loud speakers speakers
11/21/2023 10:49:20 AM	Google Patents	Search Term 1 temples Search Term 2 frame Search Term 3 radio Search Term 4 loud speakers Search Term 5 speakers Before Priority Date: priority:19871120
11/21/2023 10:49:25 AM	Google Scholar	(dioxane) (cyanophenyl) (lens) (optical) (pentylcyclohexyl)
11/21/2023 10:49:27 AM	Google Scholar	dioxane cyanophenyl lens optical pentylcyclohexyl

date, time	web site	search string
11/21/2023 10:49:27 AM	Google Patents	Search Term 1 dioxane Search Term 2 cyanophenyl Search Term 3 lens Search Term 4 optical Search Term 5 pentylcyclohexyl Before Priority Date: priority:19880119
11/21/2023 10:49:37 AM	Google Scholar	(power supply) (supply means) (remote power) (spectacle) (illuminating)
11/21/2023 10:49:37 AM	Google Patents	Search Term 1 (power supply) (supply means) (remote power) (spectacle) (illuminating) Before Priority Date: priority:19880119
11/21/2023 10:49:38 AM	Google Scholar	power supply supply means remote power spectacle illuminating
11/21/2023 10:49:38 AM	Google Patents	Search Term 1 power supply Search Term 2 supply means Search Term 3 remote power Search Term 4 spectacle Search Term 5 illuminating Before Priority Date: priority:19880119
11/21/2023 10:49:48 AM	Google Scholar	(spectacles) (glasses) (leg) (spectacle) (illumination)
11/21/2023 10:49:48 AM	Google Patents	Search Term 1 (spectacles) (glasses) (leg) (spectacle) (illumination) Before Priority Date: priority:19880204
11/21/2023 10:49:49 AM	Google Scholar	spectacles glasses leg spectacle illumination

date, time	web site	search string
11/21/2023 10:49:49 AM	Google Patents	Search Term 1 spectacles Search Term 2 glasses Search Term 3 leg Search Term 4 spectacle Search Term 5 illumination Before Priority Date: priority:19880204
11/21/2023 11:05:31 AM	Google Scholar	(monitoring system) (exposure monitoring) (exposure) (monitoring)
11/21/2023 11:05:33 AM	Google Scholar	monitoring system exposure monitoring exposure monitoring
11/21/2023 11:05:33 AM	Google Patents	Search Term 1 monitoring system Search Term 2 exposure monitoring Search Term 3 exposure Search Term 4 monitoring Before Priority Date: priority:19880229
11/21/2023 11:05:39 AM	Google Scholar	(exercise) (data) (mode) (instrument) (counting)
11/21/2023 11:05:39 AM	Google Patents	Search Term 1 (exercise) (data) (mode) (instrument) (counting) Before Priority Date: priority:19880418
11/21/2023 11:05:41 AM	Google Scholar	exercise data mode instrument counting

date, time	web site	search string
11/21/2023 11:05:41 AM	Google Patents	Search Term 1 exercise Search Term 2 data Search Term 3 mode Search Term 4 instrument Search Term 5 counting Before Priority Date: priority:19880418
11/21/2023 11:05:47 AM	Google Scholar	(ski goggles) (lens) (solar cells) (goggles according) (infrared diodes)
11/21/2023 11:05:48 AM	Google Scholar	ski goggles lens solar cells goggles according infrared diodes
11/21/2023 11:05:48 AM	Google Patents	Search Term 1 ski goggles Search Term 2 lens Search Term 3 solar cells Search Term 4 goggles according Search Term 5 infrared diodes Before Priority Date: priority:19880530
11/21/2023 11:05:54 AM	Google Scholar	(output) (oscillator) (spectacles) (reset switch) (light emitting)
11/21/2023 11:05:54 AM	Google Patents	Search Term 1 (output) (oscillator) (spectacles) (reset switch) (light emitting) Before Priority Date: priority:19880608
11/21/2023 11:05:56 AM	Google Scholar	output oscillator spectacles reset switch light emitting

date, time	web site	search string
11/21/2023 11:05:56 AM	Google Patents	Search Term 1 output Search Term 2 oscillator Search Term 3 spectacles Search Term 4 reset switch Search Term 5 light emitting Before Priority Date: priority:19880608
11/21/2023 11:06:04 AM	Google Scholar	(radio) (top frame) (pair) (housing) (slot)
11/21/2023 11:06:04 AM	Google Patents	Search Term 1 (radio) (top frame) (pair) (housing) (slot) Before Priority Date: priority:19880705
11/21/2023 11:06:06 AM	Google Scholar	radio top frame pair housing slot
11/21/2023 11:06:06 AM	Google Patents	Search Term 1 radio Search Term 2 top frame Search Term 3 pair Search Term 4 housing Search Term 5 slot Before Priority Date: priority:19880705
11/21/2023 11:08:47 AM	Google Scholar	(temple) (connector) (rearward) (recited) (electrical components)
11/21/2023 11:08:47 AM	Google Patents	Search Term 1 (temple) (connector) (rearward) (recited) (electrical components) Before Priority Date: priority:20030415
11/21/2023 11:08:48 AM	Google Scholar	temple connector rearward recited electrical components

date, time	web site	search string
11/21/2023 11:08:48 AM	Google Patents	Search Term 1 temple Search Term 2 connector Search Term 3 rearward Search Term 4 recited Search Term 5 electrical components Before Priority Date: priority:20030415
11/21/2023 11:08:57 AM	Google Scholar	(source) (audio) (wearer) (speaker) (interface)
11/21/2023 11:08:57 AM	Google Patents	Search Term 1 (source) (audio) (wearer) (speaker) (interface) Before Priority Date: priority:20041222
11/21/2023 11:08:58 AM	Google Scholar	source audio wearer speaker interface
11/21/2023 11:08:58 AM	Google Patents	Search Term 1 source Search Term 2 audio Search Term 3 wearer Search Term 4 speaker Search Term 5 interface Before Priority Date: priority:20041222
11/21/2023 11:09:04 AM	Google Scholar	(temple) (lens housing) (lens) (conductive path) (spring mechanism)
11/21/2023 11:09:04 AM	Google Patents	Search Term 1 (temple) (lens housing) (lens) (conductive path) (spring mechanism) Before Priority Date: priority:20100702
11/21/2023 11:09:06 AM	Google Scholar	temple lens housing lens conductive path spring mechanism

date, time	web site	search string
11/21/2023 11:09:06 AM	Google Patents	Search Term 1 temple Search Term 2 lens housing Search Term 3 lens Search Term 4 conductive path Search Term 5 spring mechanism Before Priority Date: priority:20100702
11/21/2023 11:09:14 AM	Google Scholar	(temple) (electronics module) (electrical) (electrical conductor) (touch switch)
11/21/2023 11:09:14 AM	Google Patents	Search Term 1 (temple) (electronics module) (electrical) (electrical conductor) (touch switch) Before Priority Date: priority:20110211
11/21/2023 11:09:15 AM	Google Scholar	temple electronics module electrical electrical conductor touch switch
11/21/2023 11:09:15 AM	Google Patents	Search Term 1 temple Search Term 2 electronics module Search Term 3 electrical Search Term 4 electrical conductor Search Term 5 touch switch Before Priority Date: priority:20110211
11/21/2023 11:18:49 AM	Google Scholar	(light emitting) (light) (emitting part) (lens) (spectacle frame)
11/21/2023 11:18:49 AM	Google Patents	Search Term 1 (light emitting) (light) (emitting part) (lens) (spectacle frame) Before Priority Date: priority:19890106

date, time	web site	search string
11/21/2023 11:18:51 AM	Google Scholar	light emitting light emitting part lens spectacle frame
11/21/2023 11:18:51 AM	Google Patents	Search Term 1 light emitting Search Term 2 light Search Term 3 emitting part Search Term 4 lens Search Term 5 spectacle frame Before Priority Date: priority:19890106
11/21/2023 11:18:58 AM	Google Scholar	(light) (band) (value) (ultraviolet) (photodiodes)
11/21/2023 11:18:58 AM	Google Patents	Search Term 1 (light) (band) (value) (ultraviolet) (photodiodes) Before Priority Date: priority:19890412
11/21/2023 11:19:00 AM	Google Scholar	light band value ultraviolet photodiodes
11/21/2023 11:19:00 AM	Google Patents	Search Term 1 light Search Term 2 band Search Term 3 value Search Term 4 ultraviolet Search Term 5 photodiodes Before Priority Date: priority:19890412
11/21/2023 11:19:09 AM	Google Scholar	(illumination) (transmittance) (liquid crystal) (mode) (voltage)
11/21/2023 11:19:09 AM	Google Patents	Search Term 1 (illumination) (transmittance) (liquid crystal) (mode) (voltage) Before Priority Date: priority:19890417

date, time	web site	search string
11/21/2023 11:19:10 AM	Google Scholar	illumination transmittance liquid crystal mode voltage
11/21/2023 11:19:10 AM	Google Patents	Search Term 1 illumination Search Term 2 transmittance Search Term 3 liquid crystal Search Term 4 mode Search Term 5 voltage Before Priority Date: priority:19890417
11/21/2023 11:19:24 AM	Google Scholar	(lens) (housing) (module) (temple) (frame)
11/21/2023 11:19:24 AM	Google Patents	Search Term 1 (lens) (housing) (module) (temple) (frame) Before Priority Date: priority:20100702
11/21/2023 11:19:25 AM	Google Scholar	lens housing module temple frame
11/21/2023 11:19:25 AM	Google Patents	Search Term 1 lens Search Term 2 housing Search Term 3 module Search Term 4 temple Search Term 5 frame Before Priority Date: priority:20100702
11/21/2023 11:19:32 AM	Google Scholar	(eyewear) (frame) (electronic) (lens) (electro)
11/21/2023 11:19:32 AM	Google Patents	Search Term 1 (eyewear) (frame) (electronic) (lens) (electro) Before Priority Date: priority:20041102

date, time	web site	search string
11/21/2023 11:19:34 AM	Google Scholar	eyewear frame electronic lens electro
11/21/2023 11:19:34 AM	Google Patents	Search Term 1 eyewear Search Term 2 frame Search Term 3 electronic Search Term 4 lens Search Term 5 electro Before Priority Date: priority:20041102
11/21/2023 11:19:50 AM	Google Scholar	(lens) (housing) (lens housing) (temple) (module)
11/21/2023 11:19:50 AM	Google Patents	Search Term 1 (lens) (housing) (lens housing) (temple) (module) Before Priority Date: priority:20100702
11/21/2023 11:19:51 AM	Google Scholar	lens housing lens housing temple module
11/21/2023 11:19:51 AM	Google Patents	Search Term 1 lens Search Term 2 housing Search Term 3 lens housing Search Term 4 temple Search Term 5 module Before Priority Date: priority:20100702
11/21/2023 12:51:04 PM	Google Scholar	(lens) (lens housing) (conductive element) (compliant) (temple)
11/21/2023 12:51:04 PM	Google Patents	Search Term 1 (lens) (lens housing) (conductive element) (compliant) (temple) Before Priority Date: priority:20100702

date, time	web site	search string
11/21/2023 12:51:05 PM	Google Scholar	lens lens housing conductive element compliant temple
11/21/2023 12:51:05 PM	Google Patents	Search Term 1 lens Search Term 2 lens housing Search Term 3 conductive element Search Term 4 compliant Search Term 5 temple Before Priority Date: priority:20100702
11/21/2023 12:51:11 PM	Google Scholar	(electronic) (lens) (frame) (eyewear frame) (electro)
11/21/2023 12:51:11 PM	Google Patents	Search Term 1 (electronic) (lens) (frame) (eyewear frame) (electro) Before Priority Date: priority:20041102
11/21/2023 12:51:13 PM	Google Scholar	electronic lens frame eyewear frame electro
11/21/2023 12:51:13 PM	Google Patents	Search Term 1 electronic Search Term 2 lens Search Term 3 frame Search Term 4 eyewear frame Search Term 5 electro Before Priority Date: priority:20041102
11/21/2023 12:51:18 PM	Google Scholar	(eyewear) (application module) (temple) (application) (frame)
11/21/2023 12:51:18 PM	Google Patents	Search Term 1 (eyewear) (application module) (temple) (application) (frame) Before Priority Date: priority:20051028

date, time	web site	search string
11/21/2023 12:51:19 PM	Google Scholar	eyewear application module temple application frame
11/21/2023 12:51:19 PM	Google Patents	Search Term 1 eyewear Search Term 2 application module Search Term 3 temple Search Term 4 application Search Term 5 frame Before Priority Date: priority:20051028
11/21/2023 12:51:25 PM	Google Scholar	(eyewear) (docking station) (frame) (power) (electronic)
11/21/2023 12:51:26 PM	Google Scholar	eyewear docking station frame power electronic
11/21/2023 12:51:26 PM	Google Patents	Search Term 1 eyewear Search Term 2 docking station Search Term 3 frame Search Term 4 power Search Term 5 electronic Before Priority Date: priority:20041102
11/21/2023 12:52:48 PM	Google Scholar	(spectacles) (pair) (frame) (stereoscopic) (viewing)
11/21/2023 12:52:48 PM	Google Patents	Search Term 1 (spectacles) (pair) (frame) (stereoscopic) (viewing) Before Priority Date: priority:19890525
11/21/2023 12:52:50 PM	Google Scholar	spectacles pair frame stereoscopic viewing

date, time	web site	search string
11/21/2023 12:52:50 PM	Google Patents	Search Term 1 spectacles Search Term 2 pair Search Term 3 frame Search Term 4 stereoscopic Search Term 5 viewing Before Priority Date: priority:19890525
11/21/2023 12:52:55 PM	Google Scholar	(time) (radiation) (subject) (skin) (microcomputer)
11/21/2023 12:52:55 PM	Google Patents	Search Term 1 (time) (radiation) (subject) (skin) (microcomputer) Before Priority Date: priority:19890531
11/21/2023 12:52:57 PM	Google Scholar	time radiation subject skin microcomputer
11/21/2023 12:52:57 PM	Google Patents	Search Term 1 time Search Term 2 radiation Search Term 3 subject Search Term 4 skin Search Term 5 microcomputer Before Priority Date: priority:19890531
11/21/2023 12:53:03 PM	Google Scholar	(patient) (eye) (display) (images) (displaying)
11/21/2023 12:53:04 PM	Google Scholar	patient eye display images displaying

date, time	web site	search string
11/21/2023 12:53:04 PM	Google Patents	Search Term 1 patient Search Term 2 eye Search Term 3 display Search Term 4 images Search Term 5 displaying Before Priority Date: priority:19890623
11/21/2023 12:53:10 PM	Google Scholar	(eye) (eyeglasses) (lens) (opaque) (condition)
11/21/2023 12:53:10 PM	Google Patents	Search Term 1 (eye) (eyeglasses) (lens) (opaque) (condition) Before Priority Date: priority:19890727
11/21/2023 12:53:12 PM	Google Scholar	eye eyeglasses lens opaque condition
11/21/2023 12:53:12 PM	Google Patents	Search Term 1 eye Search Term 2 eyeglasses Search Term 3 lens Search Term 4 opaque Search Term 5 condition Before Priority Date: priority:19890727
11/21/2023 1:09:50 PM	Google Scholar	(liquid crystal) (signal) (synchronization signal) (crystal cell) (drive signal)
11/21/2023 1:09:51 PM	Google Scholar	liquid crystal signal synchronization signal crystal cell drive signal

date, time	web site	search string
11/21/2023 1:09:51 PM	Google Patents	Search Term 1 liquid crystal Search Term 2 signal Search Term 3 synchronization signal Search Term 4 crystal cell Search Term 5 drive signal Before Priority Date: priority:19890731
11/21/2023 1:09:57 PM	Google Scholar	(display) (radiation) (output) (sensor) (responsive)
11/21/2023 1:09:57 PM	Google Patents	Search Term 1 (display) (radiation) (output) (sensor) (responsive) Before Priority Date: priority:19890801
11/21/2023 1:09:59 PM	Google Scholar	display radiation output sensor responsive
11/21/2023 1:09:59 PM	Google Patents	Search Term 1 display Search Term 2 radiation Search Term 3 output Search Term 4 sensor Search Term 5 responsive Before Priority Date: priority:19890801
11/21/2023 1:10:07 PM	Google Scholar	(signal) (circuit) (recorded) (supplied) (output)
11/21/2023 1:10:07 PM	Google Patents	Search Term 1 (signal) (circuit) (recorded) (supplied) (output) Before Priority Date: priority:19890929
11/21/2023 1:10:08 PM	Google Scholar	signal circuit recorded supplied output

date, time	web site	search string
11/21/2023 1:10:08 PM	Google Patents	Search Term 1 signal Search Term 2 circuit Search Term 3 recorded Search Term 4 supplied Search Term 5 output Before Priority Date: priority:19890929
11/21/2023 1:10:14 PM	Google Scholar	(solar energy) (battery) (nose bridge) (bridge element) (lens)
11/21/2023 1:10:15 PM	Google Scholar	solar energy battery nose bridge bridge element lens
11/21/2023 1:10:15 PM	Google Patents	Search Term 1 solar energy Search Term 2 battery Search Term 3 nose bridge Search Term 4 bridge element Search Term 5 lens Before Priority Date: priority:19891107
11/21/2023 1:10:23 PM	Google Scholar	(battery) (special frequency) (receiving) (housing) (microphone)
11/21/2023 1:10:23 PM	Google Patents	Search Term 1 (battery) (special frequency) (receiving) (housing) (microphone) Before Priority Date: priority:19900412
11/21/2023 1:10:24 PM	Google Scholar	battery special frequency receiving housing microphone

date, time	web site	search string
11/21/2023 1:10:24 PM	Google Patents	Search Term 1 battery Search Term 2 special frequency Search Term 3 receiving Search Term 4 housing Search Term 5 microphone Before Priority Date: priority:19900412
11/21/2023 1:10:39 PM	Google Scholar	(lens) (blocking) (blocking time) (controller) (user)
11/21/2023 1:10:39 PM	Google Patents	Search Term 1 (lens) (blocking) (blocking time) (controller) (user) Before Priority Date: priority:20110915
11/21/2023 1:10:41 PM	Google Scholar	lens blocking blocking time controller user
11/21/2023 1:10:41 PM	Google Patents	Search Term 1 lens Search Term 2 blocking Search Term 3 blocking time Search Term 4 controller Search Term 5 user Before Priority Date: priority:20110915
11/21/2023 1:10:46 PM	Google Scholar	(electro) (active) (eyewear) (conductive) (rimlock)
11/21/2023 1:10:46 PM	Google Patents	Search Term 1 (electro) (active) (eyewear) (conductive) (rimlock) Before Priority Date: priority:20110817
11/21/2023 1:10:47 PM	Google Scholar	electro active eyewear conductive rimlock

date, time	web site	search string
11/21/2023 1:10:47 PM	Google Patents	Search Term 1 electro Search Term 2 active Search Term 3 eyewear Search Term 4 conductive Search Term 5 rimlock Before Priority Date: priority:20110817
11/21/2023 1:32:24 PM	Google Scholar	(liquid crystal) (crystal panel) (image) (light source) (eyeball)
11/21/2023 1:32:24 PM	Google Patents	Search Term 1 (liquid crystal) (crystal panel) (image) (light source) (eyeball) Before Priority Date: priority:19900517
11/21/2023 1:32:25 PM	Google Scholar	liquid crystal crystal panel image light source eyeball
11/21/2023 1:32:25 PM	Google Patents	Search Term 1 liquid crystal Search Term 2 crystal panel Search Term 3 image Search Term 4 light source Search Term 5 eyeball Before Priority Date: priority:19900517
11/21/2023 1:32:33 PM	Google Scholar	(coil) (damping) (matching) (speaker) (input)
11/21/2023 1:32:33 PM	Google Patents	Search Term 1 (coil) (damping) (matching) (speaker) (input) Before Priority Date: priority:19901005
11/21/2023 1:32:34 PM	Google Scholar	coil damping matching speaker input

date, time	web site	search string
11/21/2023 1:32:34 PM	Google Patents	Search Term 1 coil Search Term 2 damping Search Term 3 matching Search Term 4 speaker Search Term 5 input Before Priority Date: priority:19901005
11/21/2023 1:32:41 PM	Google Scholar	(bow) (set forth) (framework) (speaker) (speakers)
11/21/2023 1:32:41 PM	Google Patents	Search Term 1 (bow) (set forth) (framework) (speaker) (speakers) Before Priority Date: priority:19910122
11/21/2023 1:32:43 PM	Google Scholar	bow set forth framework speaker speakers
11/21/2023 1:32:43 PM	Google Patents	Search Term 1 bow Search Term 2 set forth Search Term 3 framework Search Term 4 speaker Search Term 5 speakers Before Priority Date: priority:19910122
11/21/2023 1:32:50 PM	Google Scholar	(silicon carbide) (epitaxial layer) (layer) (substrate) (photodiode)
11/21/2023 1:32:50 PM	Google Patents	Search Term 1 (silicon carbide) (epitaxial layer) (layer) (substrate) (photodiode) Before Priority Date: priority:19910315
11/21/2023 1:32:51 PM	Google Scholar	silicon carbide epitaxial layer layer substrate photodiode

date, time	web site	search string
11/21/2023 1:32:51 PM	Google Patents	Search Term 1 silicon carbide Search Term 2 epitaxial layer Search Term 3 layer Search Term 4 substrate Search Term 5 photodiode Before Priority Date: priority:19910315
11/21/2023 1:33:05 PM	Google Scholar	(main body) (mobile computing) (computing device) (goggles) (lens assembly)
11/21/2023 1:33:05 PM	Google Patents	Search Term 1 (main body) (mobile computing) (computing device) (goggles) (lens assembly) Before Priority Date: priority:20140218
11/21/2023 1:33:07 PM	Google Scholar	main body mobile computing computing device goggles lens assembly
11/21/2023 1:33:07 PM	Google Patents	Search Term 1 main body Search Term 2 mobile computing Search Term 3 computing device Search Term 4 goggles Search Term 5 lens assembly Before Priority Date: priority:20140218
11/21/2023 1:33:13 PM	Google Scholar	(module) (interface system) (electronically enabled) (enabled interface) (speaker)
11/21/2023 1:33:13 PM	Google Patents	Search Term 1 (module) (interface system) (electronically enabled) (enabled interface) (speaker) Before Priority Date: priority:20000602

date, time	web site	search string
11/21/2023 1:33:14 PM	Google Scholar	module interface system electronically enabled enabled interface speaker
11/21/2023 1:33:14 PM	Google Patents	Search Term 1 module Search Term 2 interface system Search Term 3 electronically enabled Search Term 4 enabled interface Search Term 5 speaker Before Priority Date: priority:20000602
11/21/2023 1:33:20 PM	Google Scholar	(eyewear) (communication system) (base) (base link) (modular communication)
11/21/2023 1:33:20 PM	Google Patents	Search Term 1 (eyewear) (communication system) (base) (base link) (modular communication) Before Priority Date: priority:20130612
11/21/2023 1:33:22 PM	Google Scholar	eyewear communication system base base link modular communication
11/21/2023 1:33:22 PM	Google Patents	Search Term 1 eyewear Search Term 2 communication system Search Term 3 base Search Term 4 base link Search Term 5 modular communication Before Priority Date: priority:20130612
11/21/2023 1:33:28 PM	Google Scholar	(display) (user) (eyewear system) (support) (source device)

date, time	web site	search string
11/21/2023 1:33:28 PM	Google Patents	Search Term 1 (display) (user) (eyewear system) (support) (source device) Before Priority Date: priority:20130315
11/21/2023 1:33:29 PM	Google Scholar	display user eyewear system support source device
11/21/2023 1:33:29 PM	Google Patents	Search Term 1 display Search Term 2 user Search Term 3 eyewear system Search Term 4 support Search Term 5 source device Before Priority Date: priority:20130315
11/21/2023 1:33:35 PM	Google Scholar	(connector) (electronic device) (eyewear) (plate) (attachment member)
11/21/2023 1:33:35 PM	Google Patents	Search Term 1 (connector) (electronic device) (eyewear) (plate) (attachment member) Before Priority Date: priority:20120217
11/21/2023 1:33:37 PM	Google Scholar	connector electronic device eyewear plate attachment member
11/21/2023 1:33:37 PM	Google Patents	Search Term 1 connector Search Term 2 electronic device Search Term 3 eyewear Search Term 4 plate Search Term 5 attachment member Before Priority Date: priority:20120217

date, time	web site	search string
11/21/2023 2:40:03 PM	Google Scholar	(eyewear) (display) (extendable arm) (frame) (electronic)
11/21/2023 2:40:03 PM	Google Patents	Search Term 1 (eyewear) (display) (extendable arm) (frame) (electronic) Before Priority Date: priority:20130315
11/21/2023 2:40:04 PM	Google Scholar	eyewear display extendable arm frame electronic
11/21/2023 2:40:04 PM	Google Patents	Search Term 1 eyewear Search Term 2 display Search Term 3 extendable arm Search Term 4 frame Search Term 5 electronic Before Priority Date: priority:20130315
11/21/2023 2:40:10 PM	Google Scholar	(goggles) (processor) (loud speaker) (wireless signal) (signal transceiver)
11/21/2023 2:40:10 PM	Google Patents	Search Term 1 (goggles) (processor) (loud speaker) (wireless signal) (signal transceiver) Before Priority Date: priority:20180313
11/21/2023 2:40:12 PM	Google Scholar	goggles processor loud speaker wireless signal signal transceiver
11/21/2023 2:40:12 PM	Google Patents	Search Term 1 goggles Search Term 2 processor Search Term 3 loud speaker Search Term 4 wireless signal Search Term 5 signal transceiver Before Priority Date: priority:20180313

date, time	web site	search string
11/21/2023 2:40:18 PM	Google Scholar	(fall) (processing) (eyeglasses) (receiver) (alarm)
11/21/2023 2:40:18 PM	Google Patents	Search Term 1 (fall) (processing) (eyeglasses) (receiver) (alarm) Before Priority Date: priority:20160531
11/21/2023 2:40:19 PM	Google Scholar	fall processing eyeglasses receiver alarm
11/21/2023 2:40:19 PM	Google Patents	Search Term 1 fall Search Term 2 processing Search Term 3 eyeglasses Search Term 4 receiver Search Term 5 alarm Before Priority Date: priority:20160531
11/21/2023 2:40:26 PM	Google Scholar	(head) (portable electronic) (electronic device) (mounted device) (user)
11/21/2023 2:40:26 PM	Google Patents	Search Term 1 (head) (portable electronic) (electronic device) (mounted device) (user) Before Priority Date: priority:20080930
11/21/2023 2:40:28 PM	Google Scholar	head portable electronic electronic device mounted device user
11/21/2023 2:40:28 PM	Google Patents	Search Term 1 head Search Term 2 portable electronic Search Term 3 electronic device Search Term 4 mounted device Search Term 5 user Before Priority Date: priority:20080930

date, time	web site	search string
11/21/2023 2:46:59 PM	Google Scholar	(enclosure) (speech) (microphone) (acoustics) (speech signals)
11/21/2023 2:46:59 PM	Google Patents	Search Term 1 (enclosure) (speech) (microphone) (acoustics) (speech signals) Before Priority Date: priority:19920106
11/21/2023 2:47:01 PM	Google Scholar	enclosure speech microphone acoustics speech signals
11/21/2023 2:47:01 PM	Google Patents	Search Term 1 enclosure Search Term 2 speech Search Term 3 microphone Search Term 4 acoustics Search Term 5 speech signals Before Priority Date: priority:19920106
11/21/2023 2:47:07 PM	Google Scholar	(ear) (framework) (user) (headset) (supported)
11/21/2023 2:47:07 PM	Google Patents	Search Term 1 (ear) (framework) (user) (headset) (supported) Before Priority Date: priority:19920115
11/21/2023 2:47:09 PM	Google Scholar	ear framework user headset supported
11/21/2023 2:47:09 PM	Google Patents	Search Term 1 ear Search Term 2 framework Search Term 3 user Search Term 4 headset Search Term 5 supported Before Priority Date: priority:19920115

date, time	web site	search string
11/21/2023 2:47:17 PM	Google Scholar	(sleeve) (flexible) (hollow) (pair) (accessory)
11/21/2023 2:47:17 PM	Google Patents	Search Term 1 (sleeve) (flexible) (hollow) (pair) (accessory) Before Priority Date: priority:19920214
11/21/2023 2:47:18 PM	Google Scholar	sleeve flexible hollow pair accessory
11/21/2023 2:47:18 PM	Google Patents	Search Term 1 sleeve Search Term 2 flexible Search Term 3 hollow Search Term 4 pair Search Term 5 accessory Before Priority Date: priority:19920214
11/21/2023 2:47:25 PM	Google Scholar	(flexible) (hollow) (sleeve) (pair) (eyeglass)
11/21/2023 2:47:25 PM	Google Patents	Search Term 1 (flexible) (hollow) (sleeve) (pair) (eyeglass) Before Priority Date: priority:19920214
11/21/2023 2:47:26 PM	Google Scholar	flexible hollow sleeve pair eyeglass
11/21/2023 2:47:26 PM	Google Patents	Search Term 1 flexible Search Term 2 hollow Search Term 3 sleeve Search Term 4 pair Search Term 5 eyeglass Before Priority Date: priority:19920214

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US	10822218			04/12/2004	US 60527565 US 60462591 US 10822218 US 60509631	US 20080003803 A1 US 7782552 B2	01/05/2006 09/07/2010
US	10964011			10/12/2004	US 60527565 US 60583169 US 60509631 US 10964011 US 60562798 US 60518107 US 60462591 US 60605191 US 60592045	US 20050078274 A1 US 7192136 B2	04/14/2005 03/20/2007
US	11056343			12/07/2004	US 11006343 US 60527565	US 20050124324 A1 US 7116976 B2	06/09/2005 10/03/2006
US	11078857			03/11/2005	US 60647826 US 60583169 US 60562798 US 60620238 US 60518107 US 60605191 US 11078857 US 60592045 US 60647836	US 20050230596 A1	10/20/2005
US	11078855			03/11/2005	US 60647826 US 60583169 US 11078855 US 60562798 US 60620238 US 60518107 US 60605191 US 60592045 US 60647836	US 200500550159 A1 US 7500746 B1	03/05/2009 03/10/2009
CN	200510067143			04/14/2005	US 60562798	CN 1700058 A CN 100580507 C	11/23/2005 01/13/2010
CN	200520018479			04/14/2005	US 60562798	CN 2859575 Y	01/17/2007

IP Office	Application	Applicant	Title	Application Date	Priority Number	Publication Number	Publication Date
US	11183259			07/15/2005	US 60547826 US 60527565 US 60583169 US 11183269 US 60509631 US 10964011 US 60562798 US 60620238 US 60618107 US 60505191 US 60592045 US 60547836	US 20050254752 A1 US 7822221 B2	12/01/2005 04/12/2011
US	11183283			07/15/2005	US 60547826 US 60527565 US 60583169 US 60509631 US 10964011 US 60562798 US 60620238 US 60618107 US 60505191 US 11183263 US 60592045 US 60547836	US 20080001827 A1 US 7380938 B2	01/05/2006 06/03/2008
US	11183256			07/15/2005	US 60547826 US 60527565 US 60583169 US 60509631 US 10964011 US 60562798 US 60620238 US 60618107 US 60505191 US 11183256 US 60592045 US 60547836	US 20060023158 A1 US 7500747 B2	02/02/2006 03/10/2009
US	11183252			07/15/2005	US 60547826 US 60527565 US 60583169 US 60509631 US 10964011 US 60562798 US 11183262 US 60620238 US 60618107 US 60505191 US 60592045 US 60547836	US 20050248717 A1 US 7760898 B2	11/10/2005 07/20/2010
US	11183283			07/15/2005	US 60547826 US 60527565 US 60583169 US 60509631 US 11183263 US 10964011 US 60562798 US 60620238 US 60618107 US 60505191 US 60592045 US 60547836	US 20050248719 A1	11/10/2005

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US	11183276			07/15/2005	US 60547826 US 60527565 US 60503169 US 11183275 US 60509631 US 10564011 US 60562798 US 60620238 US 60618107 US 60505191 US 60592045 US 60947836	US 20050248718 A1 US 7255437 B2	11/10/2005 08/14/2007
US	PCT/US06/22015			06/07/2006	US 60689586	WO 2006135614 A2 WO 2006135614 A3 WO 2006135614 A8 WO 2006135614 A9	12/21/2006 03/22/2007 07/10/2008 12/11/2008
CN	200680027064			06/07/2006	US 60689586	CN 101297191 A	10/29/2008
US	11452115			08/12/2006	US 11452115 US 60689686 US 11006343 US 60527565	US 20060258565 A1 US 7729656 B2	11/16/2006 06/01/2010
US	11497651			08/02/2006	US 11006343 US 60527565 US 11497651	US 20060276210 A1 US 7376434 B2	12/07/2006 05/20/2008
US	11521256			09/13/2006	US 11521256 US 60527565 US 60583169 US 60509631 US 10564011 US 60562798 US 60605191 US 60592045	US 7438410 B1	10/21/2008

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US	11580222			10/11/2006	US 60583169 US 60725896 US 11183259 US 60787850 US 60846150 US 10964011 US 60725999 US 60527565 US 60509531 US 60562798 US 60520238 US 11580222 US 60818107 US 60805191 US 60592045 US 60647836	US 20070046887 A1 US 7581833 B2	03/01/2007 09/01/2009
US	11546685			10/11/2006	US 60583169 US 60725896 US 11546685 US 60787850 US 60846150 US 10964011 US 60725999 US 11183259 US 60647828 US 60527565 US 60509531 US 60562798 US 60520238 US 60818107 US 60805191 US 60592045 US 60647836	US 20070050442 A1 US 7808525 B2	02/08/2007 10/05/2010
US	11650926			01/06/2007	US 11650926 US 60583169 US 60787850 US 60846150 US 10964011 US 11183259 US 60647828 US 60527565 US 60509531 US 60783854 US 60562798 US 60520238 US 60818107 US 60805191 US 60592045 US 60647836	US 20070109491 A1 US 7877723 B2	05/17/2007 03/16/2010
US	11700550			01/30/2007	US 60583169 US 11700550 US 11078955 US 60787850 US 60846150 US 60647828 US 60783854 US 60562798 US 60520238 US 60818107 US 60805191 US 60592045 US 60647836	US 20070186330 A1	08/15/2007

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CN	200710005621			04/02/2007	US 60787850	CN 101046557 A	10/03/2007
US	11891411			08/09/2007	US 60583169 US 11183275 US 10964011 US 11891411 US 60647826 US 60527565 US 60509831 US 60562798 US 60520238 US 60518107 US 60605191 US 60592045 US 60547836	US 20070278694 A1 US 7401916 B2	12/08/2007 07/22/2008
US	11903512			09/20/2007	US 60846150 US 11903512	US 20080058559 A1 US 7543854 B2	03/20/2008 06/09/2009
US	12074302			03/03/2008	US 11521256 US 60527565 US 60583169 US 60509831 US 10964011 US 60562798 US 12074302 US 60605191 US 60592045	US 20080151179 A1 US 7621634 B2	06/26/2008 11/24/2009
US	12074961			03/07/2008	US 11497551 US 12074961 US 11006343 US 60527565	US 7890128 B1	02/15/2011
US	12152480			05/13/2008	US 60647826 US 60520238 US 60518107 US 60605191 US 11183263 US 12152480 US 60592045 US 60547836	US 20080218684 A1 US 8337013 B2	09/11/2008 12/25/2012
US	12214435			05/19/2008	US 60583169 US 11183275 US 10964011 US 11891411 US 60547826 US 60527565 US 60509831 US 60562798 US 60520238 US 60518107 US 12214435 US 60605191 US 60592045 US 60647836	US 20080278678 A1 US 7481531 B2	11/13/2008 01/27/2009

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US	12317043			12/18/2008	US 60583169 US 11183276 US 10964011 US 11891411 US 12317043 US 60547526 US 60527565 US 60509831 US 60562798 US 60520238 US 60518107 US 12214435 US 60605191 US 60592045 US 60647836	US 20090141233 A1 US 7771045 B2	06/04/2009 08/10/2010
US	12322377			02/02/2009	US 60547526 US 60583169 US 12322377 US 11078855 US 60562798 US 60520238 US 60518107 US 60605191 US 60592045 US 60647836	US 20090147215 A1 US 5770742 B2	06/11/2009 07/08/2014
US	12462286			07/31/2009	US 60583169 US 60725996 US 11183289 US 60787850 US 60846155 US 10964011 US 60725999 US 60947826 US 60527565 US 60509831 US 60562798 US 60520238 US 11580222 US 60818107 US 60605191 US 12462286 US 60592045 US 60647836	US 20090296044 A1 US 6159628 B2	12/03/2009 02/07/2012
US	12798995			04/14/2010	US 11452115 US 60889586 US 11006343 US 60527565 US 12798995	US 20100205272 A1 US 6744407 B2	08/12/2010 06/03/2014

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US	12803732			07/01/2010	US 60583169 US 60725896 US 11546885 US 60787850 US 60846150 US 10964011 US 12803732 US 60725999 US 11183255 US 60547828 US 60527565 US 60509831 US 60562798 US 60620238 US 60518107 US 60505191 US 60592045 US 60847836	US 20110102734 A1 US 6434863 B2	05/05/2011 05/07/2013
US	12806312			08/10/2010	US 60583169 US 60725896 US 60787850 US 10822218 US 11891411 US 60647826 US 60527565 US 12214435 US 60505191 US 12462286 US 60592045 US 60847836 US 11183269 US 11183276 US 60846150 US 10964011 US 12806312 US 60725999 US 12317043 US 60509831 US 60562798 US 60620238 US 11580222 US 60518107 US 60462591	US 20100309426 A1 US 6455151 B2	12/09/2010 06/18/2013
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US	13085402			04/12/2011	US 60583169 US 11183269 US 10984011 US 13085402 US 60547836 US 60527565 US 60509831 US 60562798 US 60520238 US 60518107 US 60805191 US 60592045 US 60847836	US 20110187990 A1 US 8500271 B2	08/04/2011 08/06/2013

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US	13291020			11/07/2011	US 60583169 US 60725896 US 11546885 US 60787850 US 60846150 US 10964011 US 12903732 US 60725999 US 11183255 US 60547826 US 60527565 US 60509531 US 60562798 US 60620238 US 60518107 US 13291020 US 60505191 US 60592045 US 60647836	US 20120050668 A1 US 6430507 B2	03/01/2012 04/30/2013
US	13363360			01/31/2012	US 12987018 US 11497551 US 12074961 US 11006343 US 60527565 US 13363360	US 8280419 B1	10/02/2012
US	13367346			02/06/2012	US 60583169 US 60725896 US 11078855 US 60787850 US 13367346 US 10622218 US 60547826 US 60527565 US 60605191 US 12452085 US 60592045 US 60547836 US 11183289 US 11183275 US 11546885 US 60846150 US 10964011 US 60725999 US 11183255 US 11006343 US 60509531 US 11183283 US 60562798 US 11183262 US 60620238 US 11580222 US 60518107 US 11078857 US 11183263	US 20120133885 A1 US 9033493 B2	05/31/2012 05/19/2015
US	13593483			05/23/2012	US 12987018 US 11497551 US 13593483 US 11006343 US 60527565 US 13363360 US 12074961	US 8737976 B1	05/27/2014

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US	13831445			03/14/2013	US 60583169 US 60725896 US 11078855 US 60787850 US 10822218 US 60547828 US 60527565 US 60805191 US 60592045 US 60547836 US 11183269 US 11183276 US 11546685 US 60846150 US 10964011 US 12803732 US 60725999 US 11183258 US 11006343 US 60509531 US 11183283 US 60562798 US 11183262 US 60620238 US 60618107 US 13831445 US 11078857 US 11183263	US 20140258013 A1 US 20170088117 A9 US 10310286 B2	08/18/2014 03/09/2017 05/04/2019
US	13831512			03/14/2013	US 60583169 US 60725896 US 11078855 US 60787850 US 10822218 US 11891411 US 60547828 US 60527565 US 12214435 US 60805191 US 13831512 US 12482286 US 60592045 US 60547836 US 11183269 US 11183276 US 11546685 US 60846150 US 10964011 US 12806312 US 60725999 US 11183258 US 12317043 US 11006343 US 60509531 US 11183283 US 60562798 US 11183262 US 60620238 US 11580222 US 60618107 US 60482591 US 11078857 US 11183263	US 20130201440 A1 US 9690121 B2	08/08/2013 06/27/2017
US	13831455			03/14/2013	US 13831455	US 20140278782 A1	09/18/2014

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US	14288976			05/23/2014	US 12987018 US 11497851 US 13593483 US 11006343 US 60527565 US 13363360 US 14288976 US 12074961	US 20140256293 A1 US 11019199 B2	09/11/2014 05/25/2021
US	14313889			05/24/2014	US 14313989 US 60583169 US 12322377 US 11078855 US 10964011 US 10822218 US 60547528 US 11006343 US 60562798 US 60520238 US 60518107 US 60605191 US 11078857 US 60592045 US 60647836	US 20140351185 A1 US 9488520 B2	12/11/2014 11/08/2016
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US	15343472			11/04/2016	US 14313889 US 60583169 US 12322377 US 11078855 US 10864011 US 10822218 US 60647825 US 15343472 US 11006343 US 60562798 US 60520238 US 60818107 US 60505191 US 11078857 US 60592045 US 60647836	US 20170374721 A1 US 10060790 B2	03/16/2017 08/28/2018

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US	16102859			08/14/2018	US 14313989 US 60583169 US 13322377 US 11078555 US 16102859 US 60647825 US 15343472 US 60562798 US 60520238 US 60518107 US 60605191 US 60592045 US 60647836	US 20150348050 A1 US 10359311 B2	12/05/2018 07/23/2019
US	16127957			09/11/2018	US 14715501 US 60583169 US 60725896 US 11183299 US 60787892 US 60649150 US 10964011 US 13367346 US 60725899 US 16127957 US 60647825 US 60527565 US 60509631 US 60562798 US 60620238 US 11580222 US 60518107 US 60605191 US 12452286 US 60592045 US 60647836	US 20190033623 A1 US 11086147 B2	01/31/2019 08/10/2021

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US	15182989			11/07/2018	US 14715501 US 60583169 US 60725896 US 60787850 US 13367348 US 10522218 US 13085402 US 11891411 US 60647825 US 15409723 US 60527565 US 15375403 US 12214435 US 60605191 US 13831512 US 12482286 US 60592045 US 60847856 US 16182969 US 1183269 US 11183276 US 60846150 US 10964011 US 13055335 US 12806312 US 16049120 US 60725999 US 16127957 US 12317043 US 14557409 US 60509531 US 60562798 US 60520259 US 11580222 US 60618107 US 60462591	US 20190187492 A1 US 20210364827 A9	06/20/2019 11/25/2021
US	15424018			05/28/2019	US 60583169 US 60725896 US 11546885 US 60787850 US 60846150 US 10964011 US 12803732 US 60725999 US 11183255 US 60547828 US 60527565 US 16424018 US 60509531 US 60562798 US 60520259 US 60518107 US 13291020 US 60605191 US 13831419 US 60592045 US 60547836	US 20190278110 A1 US 11530331 B2	06/12/2019 04/16/2023

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US	16429181			05/03/2019	US 60583169 US 60725996 US 11546585 US 60767850 US 60846150 US 10964011 US 13531455 US 12303732 US 60725999 US 11183295 US 60647828 US 60527565 US 60509531 US 16429181 US 60562798 US 60820238 US 60518107 US 60505191 US 60592045 US 60647835	US 20190285913 A1 US 11513371 B2	09/19/2019 11/29/2022
US	16445452			06/19/2019	US 12987018 US 11497651 US 13593483 US 11006343 US 60527565 US 13563390 US 14286978 US 12074961 US 16445452	US 20190306304 A1 US 11792316 B2	10/03/2019 10/17/2023
US	16446710			05/20/2019	US 12987018 US 11497651 US 13593483 US 11006343 US 60527565 US 13563360 US 14286975 US 12074961 US 16446710	US 20190306305 A1 US 11711459 B2	10/03/2019 07/25/2023
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US	15703805			12/04/2019	US 14313989 US 60583169 US 12322377 US 11078955 US 16102859 US 16426351 US 16703805 US 60547526 US 15343472 US 60562798 US 60620238 US 60818107 US 60505191 US 60592045 US 60647836	US 20200109986 A1 US 11326941 B2	04/09/2020 05/10/2022
US	16794458			02/19/2020	US 14922344 US 11006363 US 60527565 US 14272532 US 16794458 US 15499440 US 11452115 US 60689986 US 15704181 US 12798995 US 16556205	US 20200166975 A1 US 11800329 B2	06/11/2020 10/24/2023
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US	17484080			09/24/2021	US 17484080 US 80583169 US 11183269 US 10964011 US 13855336 US 13085402 US 15049120 US 14557409 US 60547826 US 60527565 US 60509831 US 15375423 US 60562798 US 60620238 US 60818107 US 16574254 US 60605191 US 60592045 US 60547836	US 20220011603 A1	01/13/2022
US	17681593			02/25/2022	US 14313989 US 80583169 US 12322377 US 11078855 US 16102659 US 16426351 US 16703805 US 17681593 US 60647825 US 15343472 US 60562798 US 60620238 US 60818107 US 60605191 US 60592045 US 60547836	US 20220178743 A1 US 11644361 B2	06/09/2022 05/09/2023

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US	17873104			07/25/2022	US 17484080 US 11183299 US 13955336 US 13085402 US 16049120 US 14557409 US 60847826 US 15375423 US 17873104 US 60520238 US 60518107 US 16574254 US 60505191 US 60592045 US 60547836	US 20220357599 A1 US 11644693 B2	11/10/2022 05/09/2023
US	17942347			09/12/2022	US 60725896 US 11548885 US 60787850 US 60846150 US 17942347 US 12803732 US 60725999 US 11183299 US 60647826 US 16429181 US 60520238 US 60518107 US 13831445 US 60647836	US 20230057854 A1	02/23/2023
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US	18129660			03/31/2023	US 80583169 US 80725896 US 11548885 US 80787850 US 80846150 US 10964011 US 12803732 US 60725999 US 11183258 US 80547528 US 18129660 US 80527565 US 16424015 US 80508631 US 80562798 US 80520238 US 80818107 US 13291020 US 80805191 US 13831419 US 80592045 US 80847836	US 20230256444 A1 US 11803089 B2	07/27/2023 10/31/2023
US	18144557	1)Howell, Thomas A., 2)Chao, David, 3)Thomas, C. Douglass, 4)Tong, Peter	HEAD-WORN PERSONAL AUDIO APPARATUS SUPPORTING ENHANCED HEARING SUPPORT	05/08/2023	US 17484080 US 18144557 US 11183289 US 13855336 US 13085402 US 16048120 US 14557409 US 80547528 US 15375423 US 17873104 US 80820238 US 80818107 US 16574254 US 80805191 US 80592045 US 80847836	US 20230273464 A1	08/31/2023

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/144,557	05/08/2023	Thomas A. Howell	IPVCP003C11	1712
34071	7590	11/24/2023	EXAMINER	
IPVENTURE, INC. 4010 Moorpark Avenue Suite 211 San Jose, CA 95117			LEI, JIE	
			ART UNIT	PAPER NUMBER
			2872	
			MAIL DATE	DELIVERY MODE
			11/24/2023	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 18/144,557	Applicant(s) Howell et al.	
	Examiner JIE LEI	Art Unit 2872	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on 11/14/2023.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.

2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.

3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☒ Claim(s) 1-4 and 6-87 is/are pending in the application.
5a) Of the above claim(s) ____ is/are withdrawn from consideration.

6) ☒ Claim(s) 1-4,16-32,36-51 and 78-84 is/are allowed.

7) ☒ Claim(s) 6-15,33-35,52-77 and 85-87 is/are rejected.

8) ☐ Claim(s) ____ is/are objected to.

9) ☐ Claim(s) ____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10) ☐ The specification is objected to by the Examiner.

11) ☒ The drawing(s) filed on 5/8/2023 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
Certified copies:
a) ☐ All b) ☐ Some** c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date 11/14/2023.

3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.

4) ☐ Other: ____.

DETAILED ACTION

1. The present application is being examined under the pre-AIA first to invent provisions. This office action is in response to an amendment of 11/14/2023.

Terminal Disclaimer

2. The terminal disclaimers filed on 11/14/2023 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of following US patent 11644693, and following US patent application, should they issue as US patents: 17949029 have been reviewed and are accepted. The terminal disclaimers have been recorded.

Information Disclosure Statement

3. The information disclosure statements (IDS) submitted on 11/14/2023 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statements have been considered by the examiner.

Specification

Drawings

4. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). Therefore, the following must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Independent claim 52 -- a touch sensitive surface;
also dependent claims 6 and 74 -- a touch sensitive surface;

Independent claim 64 -- a force sensor;
also dependent claims 33 and 85 -- a force sensor.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.