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		("10897956" | "11344077" | "10617174" | "10455898" | "10743616" | "10568385" | "11191321" | "11191320" | "11234482" | "11064761" | "10638810" | "10905192" | "9820527" | "9877542" | "11000091").urpn. AND (PGPB | USPT | USOC).dbnm.					
L181	97	("91547" | "219436" | "827330" | "863549" | "911025" | "1028598" | "1081678" | "1155354" | "1275895" | "1494236" | "1686175" | "D98150" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" | "4489509" | "4972613" | "5054216" | "5090140" | "5181331" | "5184410" | "5282327" | "5317819" | "5341583" | "5371957" | "5467537" | "5481814" | "5826353" | "5842292" | "6000148" | "6189239" | "6314662" | "6360454" | "6378230" | "6557271" | "6684533" | "6925732" | "6938361" | "7103994" | "7225563" | "7392603" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "8020317" | "D648512" | "8056264" | "8065819" | "8161669" | "8769845" | "9820527" | "10455898" | "10617174" | "20020112376" | "20020144434" | "20040111921" | "20050039348" | "20050081404" | "20060032091" | "20070074425" | "20070256332" | "20080083138" | "20080086911" | "20080120871" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" | "20120079742" | "20120180338" | "20120192453" | "20120317839" | "20130219747" | "20140173935" | "20150305432" | "20170099908" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L182	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L183	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L184	90	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L185	50	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L186	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L187	101	("0112439" OR "0808948" OR "0827330" OR "0863549" OR "0881153" OR "0921461" OR "0923860" OR "10306947" OR "10455898" OR "10617174" OR "10638810" OR "10660401" OR "1081678" OR "1116462" OR "1464342" OR "1494236" OR "1686175" OR "1926818" OR "20020144434" OR "20050022428" OR "20050039348" OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/19 08:58 AM

		"20050076540" OR "20050198867" OR "20070074425" OR "20080086911" OR "20080189984" OR "20080307673" OR "20110016751" OR "20110146106" OR "20120216429" OR "20120317839" OR "20130185959" OR "20130219747" OR "20150013189" OR "20150305432" OR "20160374427" OR "20170303632" OR "20170360143" OR "20170360151" OR "20180110287" OR "20180110292" OR "20180289109" OR "20180295942" OR "2069752" OR "2266732" OR "2368514" OR "2450250" OR "2452502" OR "2736110" OR "2763071" OR "2829448" OR "2920402" OR "3000116" OR "3146535" OR "4489509" OR "4590690" OR "4811502" OR "4924605" OR "4972613" OR "5054216" OR "5127170" OR "5181331" OR "5184410" OR "5282327" OR "5341583" OR "5371957" OR "5467537" OR "5481814" OR "5842292" OR "5997027" OR "6000148" OR "6125555" OR "6189239" OR "62186148" OR "6360454" OR "6378230" OR "6671980" OR "6684533" OR "6922917" OR					

		"6925732" OR "6938361" OR "7103994" OR "7178270" OR "7225563" OR "7439837" OR "7661205" OR "7685747" OR "7793438" OR "7823299" OR "7975403" OR "8065819" OR "8087188" OR "8161669" OR "8225535" OR "8499474" OR "8769845" OR "9615624" OR "9629416" OR "9675132" OR "9820527" OR "9877542" OR "D648512").pn.					
L188	15820	(A43B11/00 OR A43B23/027 OR A43B23/02 OR A43B23/047 OR A43B23/08 OR A43C11/008).cpc.	(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	2023/01/19 08:58 AM
L189	3740	(A43B11/00 OR A43B23/027 OR A43B23/02 OR A43B23/047 OR A43B23/08 OR A43C11/008).cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L190	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L191	1055	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L192	562	("91547" | "219436" | "827330" | "863549" | "911025" | "1028598" | "1081678" | "1155354" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"1275895" | "1494236" | "1686175" | "D98150" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" | "4489509" | "4972613" | "5054216" | "5090140" | "5181331" | "5184410" | "5282327" | "5317819" | "5341583" | "5371957" | "5467537" | "5481814" | "5826353" | "5842292" | "6000148" | "6189239" | "6314662" | "6360454" | "6378230" | "6557271" | "6684533" | "6925732" | "6938361" | "7103994" | "7225563" | "7392603" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "8020317" | "D648512" | "8056264" | "8065819" | "8161669" | "8769845" | "9820527" | "10455898" | "10617174" | "20020112376" | "20020144434" | "20040111921" | "20050039348" | "20050081404" | "20060032091" | "20070074425" | "20070256332" | "20080083138" | "20080086911" | "20080120871" | "20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" | "20120079742" | "20120180338" | "20120192453" | "20120317839" | "20130219747" | "20140173935" | "20150305432" | "20170099908" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583" | "219436" | "827330" | "863549" | "882109" |					

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L193	317	L53 NOT L51	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
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		"7225563" | "7439837" | "7661205" | "7685747" | "7793438" | "7823299" | "7975403" | "D648512" | "8065819" | "8087188" | "8161669" | "8225535" | "8499474" | "8769845" | "62186148" | "9615624" | "9675132" | "9820527" | "9877542" | "10306947" | "D854303" | "10455898" | "10617174" | "10638810" | "20020144434" | "20050022428" | "20050039348" | "20050076540" | "20050198867" | "20070074425" | "20080086911" | "20080189984" | "20080307673" | "20080313929" | "20110016751" | "20110146106" | "20120216429" | "20120317839" | "20130185959" | "20130219747" | "20150305432" | "20160374427" | "20170055630" | "20170360143" | "20170360151" | "20180110287" | "20180110292" | "20180289109" | "20180295942" | "20200205511" | "20200205516" | "20200205518" | "20200205520" | "20200253333" | "827330" | "863549" | "1081678" | "1494236" | "1686175" | "2069752" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "4489509" | "4972613" | "5054216" | "5181331" | "5184410" | "5282327" | "5351583" | "5371957" | "5467537" | "5481814" | "5842292" | "6189239" | "6378230" | "6684533" | "6938361" | "7103994" | "7225563" |				

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		"20180263332").pn. OR ("10897956" | "11344077" | "10617174" | "10455898" | "10743616" | "10568385" | "11191321" | "11191320" | "11234482" | "11064761" | "10638810" | "10905192" | "9820527" | "9877542" | "11000091").urpn. AND (PGPB | USPT | USOC).dbnm.					
L195	97	("91547" | "219436" | "827330" | "863549" | "911025" | "1028598" | "1081678" | "1155354" | "1275895" | "1494236" | "1686175" | "D98150" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" | "4489509" | "4972613" | "5054216" | "5090140" | "5181331" | "5184410" | "5282327" | "5317819" | "5341583" | "5371957" | "5467537" | "5481814" | "5826353" | "5842292" | "6000148" | "6189239" | "6314662" | "6360454" | "6378230" | "6557271" | "6684533" | "6925732" | "6938361" | "7103994" | "7225563" | "7392603" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "8020317" | "D648512" | "8056264" | "8065819" | "8161669" | "8769845" | "9820527" | "10455898" | "10617174" | "20020112376" | "20020144434" | "20040111921" | "20050039348" | "20050081404" | "20060032091" | "20070074425" | "20070256332" | "20080083138" | "20080086911" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"20080120871" | "20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" | "20120079742" | "20120180338" | "20120192453" | "20120317839" | "20130219747" | "20140173935" | "20150305432" | "20170099908" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L196	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L197	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L198	90	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L199	50	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L200	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L201	101	("0112439" OR "0808948" OR "0827330" OR "0863549" OR "0881153" OR "0921461" OR "0923860" OR "10306947" OR "10455898" OR "10617174" OR "10638810" OR "10660401" OR "1081678" OR "1116462" OR "1464342" OR "1494236" OR "1686175" OR "1926818" OR "20020144434" OR "20050022428" OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/19 08:58 AM

		"20050039348" OR "20050076540" OR "20050198867" OR "20070074425" OR "20080086911" OR "20080189984" OR "20080307673" OR "20110016751" OR "20110146106" OR "20120216429" OR "20120317839" OR "20130185959" OR "20130219747" OR "20150013189" OR "20150305432" OR "20160374427" OR "20170303632" OR "20170360143" OR "20170360151" OR "20180110287" OR "20180110292" OR "20180289109" OR "20180295942" OR "2069752" OR "2266732" OR "2368514" OR "2450250" OR "2452502" OR "2736110" OR "2763071" OR "2829448" OR "2920402" OR "3000116" OR "3146535" OR "4489509" OR "4590690" OR "4811502" OR "4924605" OR "4972613" OR "5054216" OR "5127170" OR "5181331" OR "5184410" OR "5282327" OR "5341583" OR "5371957" OR "5467537" OR "5481814" OR "5842292" OR "5997027" OR "6000148" OR "6125555" OR "6189239" OR "62186148" OR "6360454" OR "6378230" OR "6671980" OR "6684533" OR				

		"6922917" OR "6925732" OR "6938361" OR "7103994" OR "7178270" OR "7225563" OR "7439837" OR "7661205" OR "7685747" OR "7793438" OR "7823299" OR "7975403" OR "8065819" OR "8087188" OR "8161669" OR "8225535" OR "8499474" OR "8769845" OR "9615624" OR "9629416" OR "9675132" OR "9820527" OR "9877542" OR "D648512").pn.					
L202	5	(stabilizer AND elastic AND arch AND deflect$4).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L203	1	"20210030107"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L204	15820	(A43B11/00 OR A43B23/027 OR A43B23/02 OR A43B23/047 OR A43B23/08 OR A43C11/008).cpc.	(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	2023/01/19 08:58 AM
L205	3740	(A43B11/00 OR A43B23/027 OR A43B23/02 OR A43B23/047 OR A43B23/08 OR A43C11/008).cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L206	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L207	1055	(A43B11/00 OR A43B23/027 OR	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM

		A43B23/047 OR A43C11/008).cpc.					
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		"20180098601" | "20180110292" | "20180289109" | "20180338583" | "219436" | "827330" | "863549" | "882109" | "911025" | "1028598" | "1081678" | "1155354" | "1275895" | "1494236" | "1686175" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" | "4489509" | "4608769" | "4972613" | "5054216" | "5090140" | "5152082" | "5181331" | "5184410" | "5279051" | "5282327" | "5317819" | "5341583" | "5371957" | "5467537" | "5481814" | "5826353" | "5842292" | "6000148" | "6189239" | "6314662" | "6360454" | "6378230" | "6497058" | "6557271" | "6684533" | "6874255" | "6925732" | "6938361" | "7082702" | "7103994" | "7225563" | "7392603" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "8020317" | "D648512" | "8056264" | "8065819" | "8161669" | "8245421" | "8769845" | "9820527" | "D840663" | "D854303" | "10455898" | "10617174" | "10638810" | "10905192" | "20020112376" | "20020144434" | "20040111921" | "20040244226" | "20050039348" | "20050081404" | "20060010718" | "20060032091" | "20070074425" | "20070256332" | "20080083138" | "20080086911" | "20080120871" | "20080155788" | "20080307673" | "20110016751" | "20110146106" |					

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L211	97	("91547" | "219436" | "827330" | "863549" | "911025" | "1028598" | "1081678" | "1155354" | "1275895" | "1494236" | "1686175" | "D98150" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" | "4489509" | "4972613" | "5054216" | "5090140" | "5181331" | "5184410" | "5282327" | "5317819" | "5341583" | "5371957" | "5467537" | "5481814" | "5826353" | "5842292" | "6000148" | "6189239" | "6314662" | "6360454" | "6378230" | "6557271" | "6684533" | "6925732" | "6938361" | "7103994" | "7225563" | "7392603" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "8020317" | "D648512" | "8056264" | "8065819" | "8161669" | "8769845" | "9820527" | "10455898" | "10617174" | "20020112376" | "20020144434" | "20040111921" | "20050039348" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"20050081404" | "20060032091" | "20070074425" | "20070256332" | "20080083138" | "20080086911" | "20080120871" | "20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" | "20120079742" | "20120180338" | "20120192453" | "20120317839" | "20130219747" | "20140173935" | "20150305432" | "20170099908" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L212	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L213	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L214	90	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L215	50	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L216	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L217	101	("0112439" OR "0808948" OR "0827330" OR "0863549" OR "0881153" OR "0921461" OR "0923860" OR "10306947" OR "10455898" OR "10617174" OR "10638810" OR "10660401" OR "1081678" OR "1116462" OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/19 08:58 AM

		"1464342" OR "1494236" OR "1686175" OR "1926818" OR "20020144434" OR "20050022428" OR "20050039348" OR "20050076540" OR "20050198867" OR "20070074425" OR "20080086911" OR "20080189984" OR "20080307673" OR "20110016751" OR "20110146106" OR "20120216429" OR "20120317839" OR "20130185959" OR "20130219747" OR "20150013189" OR "20150305432" OR "20160374427" OR "20170303632" OR "20170360143" OR "20170360151" OR "20180110287" OR "20180110292" OR "20180289109" OR "20180295942" OR "2069752" OR "2266732" OR "2368514" OR "2450250" OR "2452502" OR "2736110" OR "2763071" OR "2829448" OR "2920402" OR "3000116" OR "3146535" OR "4489509" OR "4590690" OR "4811502" OR "4924605" OR "4972613" OR "5054216" OR "5127170" OR "5181331" OR "5184410" OR "5282327" OR "5341583" OR "5371957" OR "5467537" OR "5481814" OR "5842292" OR "5997027" OR "6000148" OR "6125555" OR					

		"6189239" OR "62186148" OR "6360454" OR "6378230" OR "6671980" OR "6684533" OR "6922917" OR "6925732" OR "6938361" OR "7103994" OR "7178270" OR "7225563" OR "7439837" OR "7661205" OR "7685747" OR "7793438" OR "7823299" OR "7975403" OR "8065819" OR "8087188" OR "8161669" OR "8225535" OR "8499474" OR "8769845" OR "9615624" OR "9629416" OR "9675132" OR "9820527" OR "9877542" OR "D648512").pn.					
L218	15820	(A43B11/00 OR A43B23/027 OR A43B23/02 OR A43B23/047 OR A43B23/08 OR A43C11/008).cpc.	(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	2023/01/19 08:58 AM
L219	3740	(A43B11/00 OR A43B23/027 OR A43B23/02 OR A43B23/047 OR A43B23/08 OR A43C11/008).cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L220	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L221	1055	(A43B11/00 OR A43B23/027 OR	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM

		A43B23/047 OR A43C11/008).cpc.					
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		"20180098601" | "20180110292" | "20180289109" | "20180338583" | "219436" | "827330" | "863549" | "882109" | "911025" | "1028598" | "1081678" | "1155354" | "1275895" | "1494236" | "1686175" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" | "4489509" | "4608769" | "4972613" | "5054216" | "5090140" | "5152082" | "5181331" | "5184410" | "5279051" | "5282327" | "5317819" | "5341583" | "5371957" | "5467537" | "5481814" | "5826353" | "5842292" | "6000148" | "6189239" | "6314662" | "6360454" | "6378230" | "6497058" | "6557271" | "6684533" | "6874255" | "6925732" | "6938361" | "7082702" | "7103994" | "7225563" | "7392603" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "8020317" | "D648512" | "8056264" | "8065819" | "8161669" | "8245421" | "8769845" | "9820527" | "D840663" | "D854303" | "10455898" | "10617174" | "10638810" | "10905192" | "20020112376" | "20020144434" | "20040111921" | "20040244226" | "20050039348" | "20050081404" | "20060010718" | "20060032091" | "20070074425" | "20070256332" | "20080083138" | "20080086911" | "20080120871" | "20080155788" | "20080307673" | "20110016751" | "20110146106" |					

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		"5282327" | "5351583" | "5371957" | "5467537" | "5481814" | "5842292" | "6189239" | "6378230" | "6684533" | "6938361" | "7103994" | "7225563" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "D648512" | "8065819" | "8161669" | "8769845" | "20020144434" | "20050039348" | "20070074425" | "20080086911" | "20080307673" | "20110016751" | "20110146106" | "20120317839" | "20130185959" | "20130219747" | "20150305432" | "827330" | "863549" | "1081678" | "1494236" | "1686175" | "2069752" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "4489509" | "4972613" | "5054216" | "5181331" | "5184410" | "5282327" | "5351583" | "5371957" | "5467537" | "5481814" | "5842292" | "6189239" | "6378230" | "6684533" | "6938361" | "7103994" | "7225563" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "D648512" | "8065819" | "8161669" | "8769845" | "20020144434" | "20050039348" | "20070074425" | "20080086911" | "20080307673" | "20110016751" | "20110146106" | "20130185959" | "20130219747" | "2736110" | "2920402" | "3039207" | "4783909" | "5127170" | "5481814" | "6594921" | "7793438" | "8065819" | "8225534" | "9675132" | "10602802" | "10660401" | "20050039348" |				

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L225	97	("91547" | "219436" | "827330" | "863549" | "911025" | "1028598" | "1081678" | "1155354" | "1275895" | "1494236" | "1686175" | "D98150" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" | "4489509" | "4972613" | "5054216" | "5090140" | "5181331" | "5184410" | "5282327" | "5317819" | "5341583" | "5371957" | "5467537" | "5481814" | "5826353" | "5842292" | "6000148" | "6189239" | "6314662" | "6360454" | "6378230" | "6557271" | "6684533" | "6925732" | "6938361" | "7103994" | "7225563" | "7392603" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "8020317" | "D648512" | "8056264" | "8065819" | "8161669" | "8769845" | "9820527" | "10455898" | "10617174" | "20020112376" | "20020144434" | "20040111921" | "20050039348" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"20050081404" | "20060032091" | "20070074425" | "20070256332" | "20080083138" | "20080086911" | "20080120871" | "20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" | "20120079742" | "20120180338" | "20120192453" | "20120317839" | "20130219747" | "20140173935" | "20150305432" | "20170099908" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L226	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L227	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L228	90	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L229	50	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L230	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L231	101	("0112439" OR "0808948" OR "0827330" OR "0863549" OR "0881153" OR "0921461" OR "0923860" OR "10306947" OR "10455898" OR "10617174" OR "10638810" OR "10660401" OR "1081678" OR "1116462" OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/19 08:58 AM

		"1464342" OR "1494236" OR "1686175" OR "1926818" OR "20020144434" OR "20050022428" OR "20050039348" OR "20050076540" OR "20050198867" OR "20070074425" OR "20080086911" OR "20080189984" OR "20080307673" OR "20110016751" OR "20110146106" OR "20120216429" OR "20120317839" OR "20130185959" OR "20130219747" OR "20150013189" OR "20150305432" OR "20160374427" OR "20170303632" OR "20170360143" OR "20170360151" OR "20180110287" OR "20180110292" OR "20180289109" OR "20180295942" OR "2069752" OR "2266732" OR "2368514" OR "2450250" OR "2452502" OR "2736110" OR "2763071" OR "2829448" OR "2920402" OR "3000116" OR "3146535" OR "4489509" OR "4590690" OR "4811502" OR "4924605" OR "4972613" OR "5054216" OR "5127170" OR "5181331" OR "5184410" OR "5282327" OR "5341583" OR "5371957" OR "5467537" OR "5481814" OR "5842292" OR "5997027" OR "6000148" OR "6125555" OR					

		"6189239" OR "62186148" OR "6360454" OR "6378230" OR "6671980" OR "6684533" OR "6922917" OR "6925732" OR "6938361" OR "7103994" OR "7178270" OR "7225563" OR "7439837" OR "7661205" OR "7685747" OR "7793438" OR "7823299" OR "7975403" OR "8065819" OR "8087188" OR "8161669" OR "8225535" OR "8499474" OR "8769845" OR "9615624" OR "9629416" OR "9675132" OR "9820527" OR "9877542" OR "D648512").pn.					
L232	5	(stabilizer AND elastic AND arch AND deflect$4).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L233	1	"20210030107"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L234	2	("10905192" "10638810").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L235	139	("0112439" | "0808948" | "0827330" | "0863549" | "0881153" | "0923860" | "0921461" | "1081678" | "1116462" | "1464342" | "1494236" | "1686175" | "1926818" | "2069752" | "2266732" | "2368514" | "2450250" | "2452502" | "2736110" | "2763071" | "2829448" | "2920402" | "3000116" | "3146535" | "4489509" | "4590690" | "4811502" | "4924605" | "4972613" | "5054216" | "5127170" | "5181331" | "5184410" | "5282327" | "5341583" | "5371957" | "5467537" | "5481814" | "5842292" | "5997027"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		| "6000148" | "6125555" | "6189239" | "6360454" | "6378230" | "6671980" | "6684533" | "6922917" | "6925732" | "6938361" | "7103994" | "7178270" | "7225563" | "7439837" | "7661205" | "7685747" | "7793438" | "7823299" | "7975403" | "D648512" | "8065819" | "8087188" | "8161669" | "8225535" | "8499474" | "8769845" | "9615624" | "9675132" | "9820527" | "9877542" | "10306947" | "10455898" | "20020144434" | "20050022428" | "20050039348" | "20050076540" | "20050198867" | "20070074425" | "20070180730" | "20080086911" | "20080189984" | "20080307673" | "20110016751" | "20110146106" | "20110185592" | "20120151799" | "20120216429" | "20120317839" | "20130185959" | "20130219747" | "20140189964" | "20150305432" | "20160374427" | "20170360143" | "20170360151" | "20180110287" | "20180110292" | "20180289109" | "20180295942" | "20200000178").pn. OR ("10638810").urpn. AND (PGPB | USPT | USOC).dbnm.					
L236	3	"20180110292"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L237	15820	(A43B11/00 OR A43B23/027 OR A43B23/02 OR A43B23/047 OR A43B23/08 OR A43C11/008).cpc.	(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	2023/01/19 08:58 AM

			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)				
L238	3740	(A43B11/00 OR A43B23/027 OR A43B23/02 OR A43B23/047 OR A43B23/08 OR A43C11/008).cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L239	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L240	1055	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L241	562	("91547" | "219436" | "827330" | "863549" | "911025" | "1028598" | "1081678" | "1155354" | "1275895" | "1494236" | "1686175" | "D98150" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" | "4489509" | "4972613" | "5054216" | "5090140" | "5181331" | "5184410" | "5282327" | "5317819" | "5341583" | "5371957" | "5467537" | "5481814" | "5826353" | "5842292" | "6000148" | "6189239" | "6314662" | "6360454" | "6378230" | "6557271" | "6684533" | "6925732" | "6938361" | "7103994" | "7225563" | "7392603" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "8020317" | "D648512" | "8056264" | "8065819" | "8161669" | "8769845" | "9820527" | "10455898" | "10617174" | "20020112376" | "20020144434" | "20040111921" | "20050039348" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"20050081404" | "20060032091" | "20070074425" | "20070256332" | "20080083138" | "20080086911" | "20080120871" | "20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" | "20120079742" | "20120180338" | "20120192453" | "20120317839" | "20130219747" | "20140173935" | "20150305432" | "20170099908" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583" | "219436" | "827330" | "863549" | "882109" | "911025" | "1028598" | "1081678" | "1155354" | "1275895" | "1494236" | "1686175" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" | "4489509" | "4608769" | "4972613" | "5054216" | "5090140" | "5152082" | "5181331" | "5184410" | "5279051" | "5282327" | "5317819" | "5341583" | "5371957" | "5467537" | "5481814" | "5826353" | "5842292" | "6000148" | "6189239" | "6314662" | "6360454" | "6378230" | "6497058" | "6557271" | "6684533" | "6874255" | "6925732" | "6938361" | "7082702" | "7103994" | "7225563" | "7392603" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "8020317" | "D648512" | "8056264" | "8065819" | "8161669" | "8245421" | "8769845" | "9820527" | "D840663" | "D854303"					

		| "10455898" | "10617174" | "10638810" | "10905192" | "20020112376" | "20020144434" | "20040111921" | "20040244226" | "20050039348" | "20050081404" | "20060010718" | "20060032091" | "20070074425" | "20070256332" | "20080083138" | "20080086911" | "20080120871" | "20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" | "20110308109" | "20120079742" | "20120180338" | "20120192453" | "20120198721" | "20120304491" | "20120317839" | "20130185959" | "20130219747" | "20140173935" | "20140202044" | "20140305005" | "20150305432" | "20160029743" | "20160324269" | "20160374427" | "20170055630" | "20170099908" | "20170105485" | "20170231319" | "20170303632" | "20170360143" | "20170360151" | "20180098601" | "20180110287" | "20180110292" | "20180206588" | "20180213882" | "20180289109" | "20180338583" | "20190045884" | "20190297999" | "20200000178" | "20200196703" | "20200205511" | "20200205518" |					

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L244	11	"20180110292"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/04/25 07:43 AM
L245	14567	(A43B11/00 OR A43B23/027 OR A43B23/02 OR A43B23/047 OR A43B23/08 OR A43C11/008).cpc.	(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	2022/06/13 01:33 PM

			RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L246	3622	(A43B11/00 OR A43B23/027 OR A43B23/02 OR A43B23/047 OR A43B23/08 OR A43C11/008).cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/06/13 01:33 PM
L247	14	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2022/06/13 01:34 PM
L248	1005	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2022/06/13 01:37 PM
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