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		"2736110" | "2920402" | "3039207" | "4783909" | "5127170" | "5481814" | "6594921" | "7793438" | "8065819" | "8225534" | "9675132" | "10602802" | "10660401" | "20050039348" | "20050076540" | "20080168683" | "20110016751" | "20140298687" | "20160058123" | "20180235314" | "20180263332").pn. OR ("10897956" | "11344077" | "10617174" | "10455898" | "10743616" | "10568385" | "11191321" | "11191320" | "11234482" | "11064761" | "10638810" | "10905192" | "9820527" | "9877542" | "11000091").urpn. AND (PGPB | USPT | USOC).dbnm.					
L113	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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM

		"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").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L114	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L115	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L116	89	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L117	49	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L118	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L119	101	("0112439" OR "0808948" OR "0827330" OR "0863549" OR "0881153" OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/09 10:34 AM

		"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 "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.					
L120	15806	(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	2023/01/09 10:34 AM
L121	3733	(A43B11/00 OR A43B23/027 OR	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM

		A43B23/02 OR A43B23/047 OR A43B23/08 OR A43C11/008).cpc.					
L122	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/09 10:34 AM
L123	1054	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2023/01/09 10:34 AM
L124	560	("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" | "20080155788" | "20080307673" | "20110016751" | "20110146106" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM

		"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" |					

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L125	316	L6 NOT L4	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
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		"5341583" | "5371957" | "5467537" | "5481814" | "5842292" | "5997027" | "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" | "112439" | "808948" | "827330" | "863549" | "881153" | "923860" | "921461" | "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" | "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" | "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" | "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" | "20050076540" | "20080168683" | "20110016751" | "20140298687" | "20160058123" | "20180235314" | "20180263332").pn. OR ("10897956" | "11344077" | "10617174" | "10455898" | "10743616" | "10568385" | "11191321" | "11191320" | "11234482" | "11064761" | "10638810" | "10905192" | "9820527" | "9877542" | "11000091").urpn. AND (PGPB | USPT | USOC).dbnm.					
L127	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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM

		"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").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L128	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L129	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L130	89	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L131	49	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L132	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L133	101	("0112439" OR "0808948" OR "0827330" OR "0863549" OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/09 10:34 AM

		"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 "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.						
L134	5	(stabilizer AND elastic AND arch AND deflect$4).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L136	2	("10905192" "10638810").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L137	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"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM

		| "4489509" | "4590690" | "4811502" | "4924605" | "4972613" | "5054216" | "5127170" | "5181331" | "5184410" | "5282327" | "5341583" | "5371957" | "5467537" | "5481814" | "5842292" | "5997027" | "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.					
L139	15	((("FAST") near3 ("IP") near3	(USPAT)	OR	ON	ON	2023/01/09 11:33 AM

		("LLC"))).AS,AANM.					
L140	286	((("PRATT") near3 ("Michael")) OR (("CHENEY") near3 ("Craig"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/01/09 11:34 AM
L141	245	((("PRATT") near3 ("Michael")) OR (("CHENEY") near3 ("Craig"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 11:34 AM
L142	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
L143	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
L144	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L145	1055	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L146	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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"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" | "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" |				

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		"8438757" | "10111490" | "20070056189" | "20090000150" | "20090216167" | "20130263349" | "112439" | "808948" | "827330" | "863549" | "881153" | "923860" | "921461" | "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" | "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" | "10638810" | "20020144434" | "20050022428" | "20050039348" | "20050076540" | "20050198867" | "20070074425" | "20080086911" | "20080189984" | "20080307673" | "20110016751" | "20110146106" | "20120216429" | "20120317839" | "20130185959" | "20130219747" |				

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		"11000091").urpn. AND (PGPB | USPT | USOC).dbnm.					
L149	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" | "20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" | "20120079742" | "20120180338" | "20120192453" | "20120317839" | "20130219747" | "20140173935" | "20150305432" | "20170099908" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L150	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L151	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L152	90	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L153	50	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L154	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L155	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 "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	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/19 08:58 AM

		"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.					
L156	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
L157	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
L158	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L159	1055	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L160	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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

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		"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" |					

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		| "9877542" | "11000091").urpn. AND (PGPB | USPT | USOC).dbnm.					
L163	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" | "20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" | "20120079742" | "20120180338" | "20120192453" | "20120317839" | "20130219747" | "20140173935" | "20150305432" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"20170099908" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L164	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L165	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L166	90	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L167	50	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L168	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L169	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 "20050076540" OR "20050198867" OR "20070074425" OR "20080086911" OR "20080189984" OR "20080307673" OR "20110016751" OR "20110146106" OR "20120216429" OR "20120317839" OR "20130185959" OR "20130219747" OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/19 08:58 AM

		"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.					
L170	5	(stabilizer AND elastic AND arch AND deflect$4).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L171	1	"20210030107"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L172	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
L173	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
L174	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L175	1055	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L176	562	("91547" | "219436" | "827330" | "863549" | "911025" | "1028598" | "1081678" | "1155354" | "1275895" | "1494236" | "1686175" | "D98150" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" | "4489509" | "4972613" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

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		"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"					

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		"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" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "D648512" | "8065819" | "8161669" | "8769845" | "20020144434" | "20050039348" |					

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		"11191321" | "11191320" | "11234482" | "11064761" | "10638810" | "10905192" | "9820527" | "9877542" | "11000091").urpn. AND (PGPB | USPT | USOC).dbnm.					
L179	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" | "20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" | "20120079742" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"20120180338" | "20120192453" | "20120317839" | "20130219747" | "20140173935" | "20150305432" | "20170099908" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L180	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L181	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L182	90	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L183	50	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L184	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L185	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 "20050076540" OR "20050198867" OR "20070074425" OR "20080086911" OR "20080189984" OR "20080307673" OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/19 08:58 AM

		"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.					
L186	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
L187	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
L188	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L189	1055	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L190	562	("91547" | "219436" | "827330" | "863549" | "911025" | "1028598" | "1081678" | "1155354" | "1275895" | "1494236" | "1686175" | "D98150" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

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		"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" | "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" |					

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		"20080189984" | "20080307673" | "20110016751" | "20110146106" | "20120216429" | "20120317839" | "20130185959" | "20130219747" | "20150305432" | "20160374427" | "20170303632" | "20170360143" | "20170360151" | "20180110287" | "20180110292" | "20180289109" | "20180295942" | "20200253333" | "20210112916" | "112439" | "808948" | "827330" | "863549" | "881153" | "923860" | "921461" | "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" | "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" |				

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L193	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" | "20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"20120079742" | "20120180338" | "20120192453" | "20120317839" | "20130219747" | "20140173935" | "20150305432" | "20170099908" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L194	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L195	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L196	90	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L197	50	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L198	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L199	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 "20050076540" OR "20050198867" OR "20070074425" OR "20080086911" OR "20080189984" OR	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/19 08:58 AM

		"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.					
L200	5	(stabilizer AND elastic AND arch AND deflect$4).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L201	1	"20210030107"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L202	2	("10905192" "10638810").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L203	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" | "6000148" | "6125555" | "6189239" | "6360454" | "6378230" | "6671980" | "6684533" | "6922917" | "6925732" | "6938361" | "7103994" | "7178270" | "7225563" | "7439837" | "7661205" | "7685747" | "7793438" | "7823299" | "7975403" | "D648512" | "8065819" | "8087188" | "8161669" | "8225535"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		| "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.					
L204	3	"20180110292"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
L205	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
L206	3740	(A43B11/00 OR A43B23/027 OR A43B23/02 OR	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		A43B23/047 OR A43B23/08 OR A43C11/008).cpc.					
L207	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L208	1055	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2023/01/19 08:58 AM
L209	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" | "20050081404" | "20060032091" | "20070074425" | "20070256332" | "20080083138" | "20080086911" | "20080120871" | "20080155788" | "20080307673" | "20110016751" | "20110146106" | "20110185592" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM

		"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" |					

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L210	317	L6 NOT L4	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/19 08:58 AM
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		"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" | "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" |				

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PE2E SEARCH - Search History (Interference)

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