PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	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, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/06/13 01:33 PM
L2	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
L3	14	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2022/06/13 01:34 PM
L4	1005	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2022/06/13 01:37 PM
L6	548	("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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/06/14 08:10 AM

Fast IP EX2012 (1 of 2)
Skechers U.S.A. v. Fast IP
IPR2026-00342

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L7	314	L6 NOT L4	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/06/14 08:12 AM
L8	437	("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	2022/06/14 08:35 AM

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		"20170360143" | "20180098601" | "20180110287" | "20180110288" | "20180110289" | "20180110292" | "20180206588" | "20180235314" | "20180289109" | "20180295942" | "20180338583" | "20190000186" | "20190297999" | "20200000178" | "20200196703" | "20200205511" | "20200205516" | "20200205517" | "20200205518" | "20200205520" | "20200305552" | "20210030107" | "20210068498" | "20210112911" | "20210112914" | "20210112916" | "4497" | "75048" | "91547" | "171301" | "219436" | "417460" | "465189" | "474574" | "503588" | "537627" | "558937" | "808948" | "827330" | "863549" | "882109" | "911025" | "955337" | "1028598" | "1081678" | "1090106" | "1155354" | "1275895" | "1494236" | "1585049" | "1603144" | "1686175" | "1793380" | "1812622" | "D98150" | "2069752" | "2097810" | "RE21654" | "2252315" | "2357980" | "2447590" | "2450250" | "2452502" | "2452649" | "2487227" | "2619744" | "2693039" | "2736110" | "2746178" | "2825155" | "2920402" | "3039207" | "3146535" | "3192651" | "3283423" | "3349505" | "3400474" | "3436842" | "3681860" | "4030213" | "4095356" | "4136468" | "4309832" | "4402146" | "4414761" | "4459765" | "4489509" | "4507879" | "4559724" | "4562651" | "4566206"				

		| "4573457" | "4594798" | "4599811" | "4615126" | "4625435" | "4649656" | "4665634" | "4776111" | "4944099" | "4972613" | "5054216" | "5060401" | "5090140" | "5127170" | "5152082" | "5181331" | "D333377" | "5184410" | "5222313" | "5279051" | "5282327" | "5317819" | "5341583" | "5371957" | "5467537" | "5481814" | "5557866" | "5570523" | "5682687" | "5787608" | "5813144" | "5826353" | "5842292" | "D404896" | "5884420" | "6000148" | "6189239" | "6298582" | "6314662" | "6360454" | "6378230" | "6438872" | "6497058" | "6557271" | "6578288" | "6594921" | "6643954" | "6684533" | "6718658" | "6817116" | "6883254" | "6925732" | "6938361" | "6957504" | "6964119" | "7055268" | "7059069" | "7080468" | "7082702" | "7101604" | "7103994" | "7127837" | "7168188" | "7168190" | "7178270" | "7188438" | "7225563" | "7284341" | "7287294" | "7392603" | "7439837" | "7448148" | "7472495" | "7526881" | "7581337" | "7607242" | "7685747" | "7694435" | "7735244" | "7793438" | "7810257" | "7823299" | "7900377" | "7905033" | "7913422" | "7950166" | "7975403" | "8006410" | "8020317" | "D648512" | "8056264" | "8061059" | "8065819" | "8161669" | "8171657" | "8215030" | "8225534" | "8225535" | "8245418" | "8245421" | "8256146" | "8365443" | "8468721" | "8468723" | "8499474" | "8539698" | "8549774" | "8627582" | "8627583" | "8635791" | "8677656" | "8745893" | "8763275" | "8769845" | "8834770" | "8919015"				

		| "9015962" | "9032646" | "9061096" | "9089184" | "9095188" | "9119436" | "9119437" | "9144262" | "9173451" | "9226543" | "9254018" | "9265305" | "9301570" | "9314055" | "9392843" | "9398785" | "9398786" | "9414640" | "9433256" | "9480299" | "D776420" | "D781561" | "9675132" | "9820527" | "9867426" | "9877542" | "D853707" | "D854303" | "10455898" | "10617174" | "10638810" | "10653209" | "10660401" | "10905192" | "20020112376" | "20020144434" | "20020174568" | "20040111921" | "20050039348" | "20050060913" | "20050066548" | "20050193594" | "20060032091" | "20070011917" | "20070039208" | "20070074425" | "20070186441" | "20070199211" | "20070199213" | "20070256332" | "20080000106" | "20080083138" | "20080086911" | "20080120871" | "20080141562" | "20080155788" | "20080307673" | "20090025260" | "20090113757" | "20100319216" | "20110016751" | "20110119959" | "20110146106" | "20110185592" | "20110214312" | "20120079742" | "20120079746" | "20120180338" | "20120192453" | "20120304491" | "20120317839" | "20130185959" |					

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		"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" | "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" | "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.				
L9	97	("91547" | "219436" | "827330" | "863549" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/06/14 11:30 AM

		"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" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583").pn. OR				

		("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L10	13	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/06/14 11:32 AM
L11	48	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/06/14 11:34 AM
L12	83	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/06/14 11:36 AM
L14	43	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/06/14 01:09 PM
L15	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/06/14 01:10 PM
L20	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 "20150305432" OR "20160374427" OR "20170303632" OR "20170360143" OR "20170360151" OR	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/08 08:05 AM

		"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.					
L26	15215	(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	2022/09/29 11:14 AM
L27	3680	(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	2022/09/29 11:14 AM
L28	14	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2022/09/29 11:14 AM
L29	1026	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2022/09/29 11:14 AM
L30	553	("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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/09/29 11:14 AM

		"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" |				

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		"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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		"20130185959" | "20130219747" | "20140013624" | "20140096415" | "20140115925" | "20140173935" | "20140202044" | "20140250723" | "20140298687" | "20140305005" | "20140310992" | "20140360049" | "20150047227" | "20150113834" | "20150143720" | "20150196095" | "20150216252" | "20150289595" | "20150305432" | "20160120259" | "20160128429" | "20160302530" | "20160374427" | "20170150773" | "20170265560" | "20170303632" | "20170360143" | "20180098601" | "20180110287" | "20180110288" | "20180110289" | "20180110292" | "20180206588" | "20180235314" | "20180289109" | "20180295942" | "20180338583" | "20190000186" | "20190297999" | "20200000178" | "20200196703" | "20200205511" | "20200205518" | "20200205520" | "20200305552" | "20210030107" | "20210068498" | "20210112911" | "20210112914" | "20210112916" | "3775872" | "5090138" | "5177884" | "5678330" | "5778563" | "6112434" | "6397496" | "7513068" | "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" | "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" | "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.				
L33	97	("91547" | "219436" |	(US-PGPUB; USPAT;	OR	ON	ON	2022/09/29

		"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" | "20170303632" | "20180098601" | "20180110292" | "20180289109" |	USOCR)				11:14 AM

		"20180338583").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L34	13	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/09/29 11:14 AM
L35	48	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/09/29 11:14 AM
L36	85	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/09/29 11:14 AM
L37	45	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/09/29 11:14 AM
L38	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/09/29 11:14 AM
L39	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 "20150305432" OR "20160374427" OR "20170303632" OR "20170360143" OR	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/29 11:14 AM

		"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.					
L40	5	(stabilizer AND elastic AND arch AND deflect$4).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/09/29 11:28 AM
L41	1	"20210030107"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 09:49 AM
L42	15726	(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	2022/12/20 10:24 AM
L43	3719	(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	2022/12/20 10:24 AM
L44	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2022/12/20 10:24 AM
L45	1047	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2022/12/20 10:24 AM
L46	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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM

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L47	316	L6 NOT L4	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
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		"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" |					

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		"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" |					

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		"10905192" | "9820527" | "9877542" | "11000091").urpn. AND (PGPB | USPT | USOC).dbnm.					
L49	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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM

		"20150305432" | "20170099908" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L50	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L51	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L52	89	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L53	48	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L54	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L55	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	(US-PGPUB; USPAT)	OR	ON	ON	2022/12/20 10:24 AM

		"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.					
L56	15726	(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	2022/12/20 10:24 AM
L57	3719	(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	2022/12/20 10:24 AM
L58	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2022/12/20 10:24 AM
L59	1047	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2022/12/20 10:24 AM
L60	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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM

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L61	316	L6 NOT L4	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L62	446	("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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM

		"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" |					

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		"20110214312" | "20120079742" | "20120079746" | "20120180338" | "20120192453" | "20120304491" | "20120317839" | "20130185959" | "20130219747" | "20140013624" | "20140096415" | "20140115925" | "20140173935" | "20140202044" | "20140250723" | "20140298687" | "20140305005" | "20140310992" | "20140360049" | "20150047227" | "20150113834" | "20150143720" | "20150196095" | "20150216252" | "20150289595" | "20150305432" | "20160120259" | "20160128429" | "20160302530" | "20160374427" | "20170150773" | "20170265560" | "20170303632" | "20170360143" | "20180098601" | "20180110287" | "20180110288" | "20180110289" | "20180110292" | "20180206588" | "20180235314" | "20180289109" | "20180295942" | "20180338583" | "20190000186" | "20190297999" | "20200000178" | "20200196703" | "20200205511" | "20200205518" | "20200205520" | "20200305552" | "20210030107" | "20210068498" | "20210112911" | "20210112914" | "20210112916" | "3775872" | "5090138" |				

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		"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" | "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.					
L63	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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM

		"20140173935" | "20150305432" | "20170099908" | "20170303632" | "20180098601" | "20180110292" | "20180289109" | "20180338583").pn. OR ("10897956").urpn. AND (PGPB | USPT | USOC).dbnm.					
L64	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L65	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L66	89	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L67	48	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L68	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L69	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	(US-PGPUB; USPAT)	OR	ON	ON	2022/12/20 10:24 AM

		"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.					
L70	5	(stabilizer AND elastic AND arch AND deflect$4).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/12/20 10:24 AM
L72	2	("10905192" "10638810").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 09:13 AM
L73	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" | "8499474" | "8769845" | "9615624" | "9675132" | "9820527" | "9877542" | "10306947" | "10455898" | "20020144434" | "20050022428" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 09:13 AM

		"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.					
L74	2	"20180110292"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 09:58 AM
L76	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
L77	3733	(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	2023/01/09 10:34 AM
L78	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/09 10:34 AM

L79	1054	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2023/01/09 10:34 AM
L80	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" | "20110185592" | "20120079742" | "20120180338" | "20120192453" | "20120317839" | "20130219747" | "20140173935" | "20150305432" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM

		"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" |					

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L81	316	L6 NOT L4	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
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		"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" |				

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L83	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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM

		"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.					
L84	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L85	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L86	89	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L87	49	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L88	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L89	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	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/09 10:34 AM

		"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.					
L90	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
L91	3733	(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	2023/01/09 10:34 AM
L92	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/09 10:34 AM

L93	1054	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2023/01/09 10:34 AM
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L95	316	L6 NOT L4	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
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		"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" |				

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		"20070074425" | "20070186441" | "20070199211" | "20070199213" | "20070256332" | "20080000106" | "20080083138" | "20080086911" | "20080120871" | "20080141562" | "20080155788" | "20080307673" | "20090025260" | "20090113757" | "20100319216" | "20110016751" | "20110119959" | "20110146106" | "20110185592" | "20110214312" | "20120079742" | "20120079746" | "20120180338" | "20120192453" | "20120304491" | "20120317839" | "20130185959" | "20130219747" | "20140013624" | "20140096415" | "20140115925" | "20140173935" | "20140202044" | "20140250723" | "20140298687" | "20140305005" | "20140310992" | "20140360049" | "20150047227" | "20150113834" | "20150143720" | "20150196095" | "20150216252" | "20150289595" | "20150305432" | "20160120259" | "20160128429" | "20160302530" | "20160374427" | "20170150773" | "20170265560" | "20170303632" | "20170360143" | "20180098601" | "20180110287" | "20180110288" | "20180110289" | "20180110292" |					

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		"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" | "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" |				

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L97	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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM

		"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.					
L98	16	("2012/0180338").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L99	50	("2004/0111921").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L100	89	"6000148"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L101	49	("20180110292" "10897956" "9877542" "11000091")/pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L102	4	("20180110292" "10897956" "9877542" "11000091").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L103	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	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/09 10:34 AM

		"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				

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L104	5	(stabilizer AND elastic AND arch AND deflect$4).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L105	1	"20210030107"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L106	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
L107	3733	(A43B11/00 OR A43B23/027 OR A43B23/02 OR A43B23/047 OR	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM

		A43B23/08 OR A43C11/008).cpc.					
L108	15	((("FAST") near3 ("IP") near3 ("LLC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/01/09 10:34 AM
L109	1054	(A43B11/00 OR A43B23/027 OR A43B23/047 OR A43C11/008).cpc.	(USPAT)	OR	ON	ON	2023/01/09 10:34 AM
L110	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" | "20110185592" | "20120079742" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM

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L111	316	L6 NOT L4	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM
L112	446	("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" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/01/09 10:34 AM

		"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" | "20160324269" |				

		"20160374427" | "20170055630" | "20170099908" | "20170105485" | "20170231319" | "20170303632" | "20170360143" | "20170360151" | "20180098601" | "20180110287" | "20180110292" | "20180206588" | "20180213882" | "20180289109" | "20180338583" | "20190045884" | "20190297999" | "20200000178" | "20200196703" | "20200205511" | "20200205518" | "20200205520" | "20200229536" | "20200253333" | "20200390183" | "20210068494" | "20210106094" | "20210112914" | "20210112916" | "20210204644" | "91547" | "219436" | "827330" | "863549" | "911025" | "1028598" | "1081678" | "1155354" | "1275895" | "1494236" | "1686175" | "D98150" | "2069752" | "2097810" | "2450250" | "2452502" | "2736110" | "2920402" | "3146535" | "3192651" | "4489509" | "4972613" | "5054216" | "5181331" | "5184410" | "5282327" | "5317819" | "5341583" | "5371957" | "5467537" | "5481814" | "5826353" | "5842292" | "6000148" | "6189239" | "6314662" | "6360454" | "6378230" | "6684533" | "6925732" | "6938361" | "7103994" | "7225563" | "7439837" | "7685747" | "7793438" | "7823299" | "7975403" | "8020317" | "D648512" | "8056264" | "8065819" | "8161669" | "8769845" | "9820527" |					