

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("20050247442"   "5749414").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 09:12
S2	21	("3257710"   "3540529"   "4066861"   "4535214"   "4606491"   "4617990"   "4694136"   "4965431"   "5036913"   "5048602"   "5186244"   "5524831").PN. OR ("5749414").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 09:18
S3	21	("2438767"   "20030029040"   "3363680"   "3489209"   "3769117"   "4360057"   "4878460"   "4911135"   "5469915"   "5839397"   "6094816"   "6098576"   "6220207"   "6321697"   "6397578"   "6564783"   "6604515"   "6634420").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 09:21
S4	181	("3063890"   "3542712"   "3645939"   "3725174"   "3734819"   "3763073"   "3767633"   "3956230"   "4029850"   "4037020"   "4046728"   "4071494"   "4089726"   "4126504"   "4210567"   "4230774"   "4316832"   "4322516"   "4327726"   "4369779"   "4410026"   "4412835"   "4417753"   "4439192"   "4488961"   "4495312"   "4496362"   "4507119"   "4516971"   "4516977"   "4525234"   "4587289"   "4601948"   "4610670"   "4619642"   "4650220"   "4663032"   "4664658"   "4687474"   "4707389"   "4720524"   "4723947"   "4725641"   "4726960"   "4737214"   "4739012"   "4740017"   "4753697"   "4770735"   "4771106"   "4784409"   "4793880"   "4827099"   "4832773"   "4848801"   "4864101"   "4865902"   "4880873")	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 09:28

"4897138"	"4900771"
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"4933036"	"4948643"
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"5037395"	"5039768"
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"5250607"	"5254825"
"5256229"	"5256845"
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"5496291"	"5518575"
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"6026882"   "6071690"	
"6083584"   "6094969"	
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"6168862"   "6201211"	
"6225404"   "6251202"	
"6261655"   "6270599"	
"6293594"   "6296730"	
"6297046"   "6299596"	
"6302151"   "6308882"	
"6333122"   "6368315"	
"6399704"   "6465068"	
"6596122"   "D355848"	
"D357926").PN. OR	
("6913056").URPN.	

S5	3	("2003/0029040").URPN.	USPAT	ADJ	ON	2009/01/14 09:49
S6	21	("20030029040"   "2438767"   "3363680"   "3489209"   "3769117"   "4360057"   "4878460"   "4911135"   "5469915"   "5839397"   "6094816"   "6098576"   "6220207"   "6321697"   "6397578"   "6564783"   "6604515"   "6634420").PN. OR ("7469741").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 09:50
S7	145	(paul near3 daly).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 10:00
S8	96	(ian near3 mclean).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 10:00
S9	11	(bobbeye near3 kaye).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 10:01
S10	5117717	tube or tubes or tubing or tubular or pipe or piping or pipes or conduit or conduits	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 10:01
S11	1136225	laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 10:01
S12	4175197	weld or welding or welded or bond or bonding or bonded or join or joining or joined	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 10:02
S13	22	S7 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 10:02
S14	4	S8 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 10:02
S15	50	S7 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 10:02
S16	15	S8 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 10:02

S17	2114	156/272.2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 10:34
S18	1082	156/272.8	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 10:35
S19	2256	156/293	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 10:35
S20	572	156/303.1	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 10:35
S21	843	165/158	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 10:35
S22	505	165/157	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 10:35
S23	2426	219/121.6	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 10:35
S24	2055	219/121.63	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 10:35
S25	2169	219/121.64	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 10:35
S26	1020	219/121.73	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 10:35
S27	505	165/157	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 11:55
S28	843	165/158	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 11:55
S29	1244	S27 or S28	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 11:55
S30	5117717	tube or tubes or tubing or tubular or pipe or piping or pipes or conduit or conduits	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 11:55
S31	1136225	laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 11:55
S32	4175197	weld or welding or welded or bond or bonding or bonded or join or joining or joined	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 11:55
S33	43	S29 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 11:55
S34	1160	S29 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 11:56
S35	4826245	plastic or polymeric or polymer or thermoplastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 11:56

S36	335151	S30 with S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 11:56
S37	124	S34 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 11:56
S38	8	S33 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 11:57
S39	25	("2298996"   "2537024"   "2907644"   "2948517"   "3526274"   "3782457"   "3849854"   "4098852"   "4152399"   "4253516"   "4495987"   "4528733"). PN. OR ("4676305").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 11:57
S40	572	156/303.1	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:15
S41	464	S40 and S32	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:16
S42	46	S40 and S31	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:16
S43	240	S40 and S30	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:16
S44	214	S41 and S43	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:16
S45	14	("3459622"   "3583907"   "3702658"   "3841938"   "3966520"   "4790372"   "4800019").PN. OR ("4990206").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:30
S46	37	S41 and S31	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:37
S47	2256	156/293	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:38
S48	205	S47 and S31	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:39
S49	1099	S47 and S30	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:39
S50	1812	S47 and S32	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:40
S51	924	S49 and S50	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:40
S52	71	S51 and S31	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:40
S53	1082	156/272.8	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:52

S54	40	S53 and S47	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:52
S55	13	S53 and S40	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:52
S56	26	("4269648"   "4497536"   "4671613"   "4701011"   "4737006"   "4844580"   "4854663"   "4962988"   "5011254"   "5117473"   "5172271"   "5185836"   "5282088"   "5293438"   "5384874"   "5402510"   "5457759"   "5459803"   "5551968"   "5608831"   "5617495"   "5841921"   "5917985"   "5967653"   "6033515").PN. OR ("7228033").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 12:54
S57	35	("4118270").PN. OR ("4269648").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 13:00
S58	362	S53 and S30	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 13:13
S59	720	S53 not S58	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 13:13
S60	48	("3128167"   "3448180"   "3454898"   "3478278"   "4135781"   "4147402"   "4191447"   "4198119"   "4276520"   "4349497"   "4353849"   "4379771"). PN. OR ("4510005").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 13:15
S61	12	("3649098"   "4290667"   "4510005"   "4729621"   "5293438"   "5346583"   "5446816"   "5505725"   "5815624"   "6072148"   "6115521"   "6453090"). PN. OR ("6980364").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 13:18
S62	1	("4636609").PN. OR ("7211166").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:04
S63	2114	156/272.2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:19
S64	626	S63 and S30 and S32	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:19
S65	1999418	press or pressing or pressed	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:19
S66	327	S64 and S65	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:19
S67	2426	219/121.6	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:28
S68	2055	219/121.63	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:28

S69	2169	219/121.64	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:29
S70	1020	219/121.73	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:29
S71	5419	S67 or S68 or S69 or S70	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:29
S72	4889	S71 and S31	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:29
S73	1663	S72 and S30	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:29
S74	521	S73 and S65	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:30
S75	1142	S73 not S74	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/14 14:30
S76	3	"4319742"	EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:41
S77	1	1995-030863.NRAN.	DERWENT	ADJ	ON	2009/01/14 14:41
S78	528985	laser	EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:41
S79	1186236	weld or welding or welded or bond or bonding or bonded	EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:41
S80	2285851	tube or tubes or tubing or tubular or pipe or piping or pipes or conduit or conduits	EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:42
S81	2546833	plastic or polymeric or polymer or thermoplastic	EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:42
S82	157437	tube near3 (plate or sheet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:42
S83	479	S82 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:42
S84	151	S79 and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:43
S85	3786	S78 and S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:43
S86	3076680	press or pressing or pressed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:43

S87	299	S85 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:43
S88	1594677	sphere or spherical or ball	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:44
S89	8	S83 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:45
S90	1552639	flange or flanges or flanged	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:46
S91	21	S83 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:46
S92	157437	tube near3 (plate or sheet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:49
S93	0	S92 and5 adn S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:49
S94	6720	S92 and S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:49
S95	5283	S94 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:49
S96	1930	S88 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:50
S97	73416	S31 with S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:50
S98	1018	S95 and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:50
S99	1	2000-628150.NRAN.	DERWENT	ADJ	ON	2009/01/14 14:53
S100	0	"0305702"	EPO	ADJ	ON	2009/01/14 14:54



S101	1	"305702"	EPO	ADJ	ON	2009/01/14 14:54
S102	0	S98 and S88	EPO	ADJ	ON	2009/01/14 14:58
S103	268	S98 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/14 14:59
S104	24	("3841938").URPN.	USPAT	ADJ	ON	2009/01/14 15:03
S105	2	"20040118817"	US-PGPUB; USPAT	ADJ	ON	2009/01/14 15:07

1/ 15/ 2009 9:52:42 AM

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plate.wsp