

Title (en)
Gate

Title (de)
Tor

Title (fr)
Porte

Publication
EP 2103771 A3 20121024 (DE)

Application
EP 09007167 A 20050203

Priority
• EP 05002295 A 20050203
• DE 102004014182 A 20040323

Abstract (en)
[origin: EP1580393A2] Gate comprises a stabilizing arrangement having a threshold element (50) lying in the closing position of the gate leaf (10) on the base of the opening closed by the gate leaf, forming the lower edge of a recess and fixed to the gate leaf elements lying next to the recess in the direction of the tilting axes (20). Preferred Features: The width of the threshold element is larger in a direction running perpendicular to the door leaf plane in the closing position than the door leaf thickness in this direction.

IPC 8 full level
E06B 7/23 (2006.01); **E05D 15/24** (2006.01)

CPC (source: EP US)
E06B 7/2316 (2013.01 - EP US); **E05D 15/24** (2013.01 - EP US); **E05Y 2800/71** (2013.01 - EP US); **E05Y 2900/106** (2013.01 - EP US)

Citation (search report)
• [Y] US 5673740 A 19971007 - PARK KAP-IL [KR]
• [Y] EP 1375798 A1 20040102 - BREMET BREVETTI METECNO S P A [IT]
• [Y] DE 4410051 A1 19950302 - WIRTH ERWIN [DE]
• [YA] DE 1659585 A1 19710121 - BUSCH JAEGER DUERENER METALL
• [YD] EP 0370376 A2 19900530 - HOERMANN KG [DE]
• [Y] US 2002046494 A1 20020425 - MILLER BEARGE D [US], et al
• [Y] US 6176039 B1 20010123 - CRAIG TERRY A [US]
• [A] US 5446937 A 19950905 - HASKINS CRAIG A [US]
• [A] JP 2000197713 A 20000718 - SANWA SHUTTER CORP
• [A] US 3896590 A 19750729 - MILLER NORMAN K
• [A] US 6061967 A 20000516 - JUDDS RAYMOND E [US]
• [A] US 2003005644 A1 20030109 - REITHMEYER JOSEPH GUY [US], et al
• [Y] "DIN-Taschenbuch 240", vol. 3, 31 August 2003, BEUTH VERLAG GMBH, article "Türen und Türzubehör, DIN 18024 Teil 2 vom November 1996", pages: 44 - 47, XP055038108

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1580393 A2 20050928; EP 1580393 A3 20081029; EP 1580393 B1 20090708; AT E435961 T1 20090715; CN 102359329 A 20120222; CN 102359329 B 20160120; DE 102004014182 A1 20051117; DE 102004014182 B4 20070412; DE 202005021319 U1 20070823; DE 202005021943 U1 20111107; DE 202005021944 U1 20111014; DE 502005007644 D1 20090820; DK 2103771 T3 20130708; DK 2103771 T4 20210118; DK 2295700 T3 20150202; EP 2103771 A2 20090923; EP 2103771 A3 20121024; EP 2103771 B1 20130417; EP 2103771 B2 20201230; EP 2295700 A2 20110316; EP 2295700 A3 20121024; EP 2295700 B1 20141210; ES 2245622 T1 20060116; ES 2245622 T3 20091013; ES 2411884 T3 20130709; ES 2411884 T5 20210804; ES 2526653 T3 20150114; HU E024557 T2 20160229; PL 1580393 T3 20091231; PL 2103771 T3 20130930; PL 2103771 T5 20210419; PL 2295700 T3 20150430; PT 2103771 E 20130508; SI 2103771 T1 20131030; SI 2103771 T2 20210226; US 2005224195 A1 20051013; US 7946332 B2 20110524

DOCDB simple family (application)
EP 05002295 A 20050203; AT 05002295 T 20050203; CN 201110225130 A 20050323; DE 102004014182 A 20040323; DE 202005021319 U 20050203; DE 202005021943 U 20050203; DE 202005021944 U 20050203; DE 502005007644 T 20050203; DK 09007167 T 20050203; DK 10012416 T 20050203; EP 09007167 A 20050203; EP 10012416 A 20050203; ES 05002295 T 20050203; ES 09007167 T 20050203; ES 10012416 T 20050203; HU E10012416 A 20050203; PL 05002295 T 20050203; PL 09007167 T 20050203; PL 10012416 T 20050203; PT 09007167 T 20050203; SI 200531748 T 20050203; US 8822405 A 20050323