

Title (en)
Gate

Title (de)
Tor

Title (fr)
Porte

Publication
EP 2103771 B2 20201230 (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 (opposition)
Opponent :
• EP 1375805 A2 20040102 - BREMET BREVETTI METECNO S P A [IT]
• US 2017012 A 19351008 - MORGAN DAVID H
• DE 8118678 U1 19811112
• US 6006814 A 19991228 - DALPE GUY [CA]
• JP 2000084107 A 20000328 - OHBAYASHI CORP
• DE 3835055 A1 19900419 - GERHARD UDO [DE]
• EP 0875655 A2 19981104 - CAMPISA SRL [IT]
• DE 1659585 A1 19710121 - BUSCH JAEGER DUERENER METALL
• US 2718677 A 19550927 - CORNELL GEORGE W
• JP 2002013366 A 20020118 - SANWA SHUTTER CORP
• DE 10312736 A1 20031113 - GRUNEWALD NICLAS [DE]
• DE 29812888 U1 19981119 - METALLBAU OSCHMANN GMBH [DE]
• DE 3603940 A1 19870813 - EFAFLEX TRANSPORT LAGER [DE]
• DE 29715667 U1 19981001 - TECKENTRUP FA WALTER [DE]
• DE 3709592 A1 19881013 - SCHIEFFER GMBH CO KG [DE]
• US 2540810 A 19510206 - CLARK HENRY B
• US 3430677 A 19690304 - PIERCE ERNEST E
• US 3566541 A 19710302 - COULTER GORDON L
• US 4567931 A 19860204 - WENTZEL HAROLD G [US]
• US 6082046 A 20000704 - SIMMONS KEVIN A [US]
• US 6651385 B2 20031125 - MILLER BEARGE D [US], et al
• WO 0153644 A1 20010726 - NIEWOEHNER BRUNO [DE]

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

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