

Title (en)  
Improved gate

Title (de)  
Verbesserte Schranke

Title (fr)  
Barrière de sécurité perfectionnée

Publication  
**EP 1703022 B1 20180613 (FR)**

Application  
**EP 06111096 A 20060314**

Priority  
FR 0502499 A 20050314

Abstract (en)  
[origin: EP1703022A1] The barrier has a guide rail (100) that is displaced with respect to a support assembly around an axis (102) which is transversal to a main axis (202). The guide rail extends transversal to a traffic lane to prohibit the passage of a vehicle, in a rest position. An elastic unit is constituted by springs (222, 224) and places the guide rail in the rest position, on the support assembly, if the guide rail is ejected by a vehicle.

IPC 8 full level  
**E01F 13/06** (2006.01)

CPC (source: EP US)  
**E01F 13/06** (2013.01 - EP US)

Cited by  
CN105839562A; CN105821784A; RU2667100C2; RU2667987C2; FR2906273A1; FR2970719A1; EP2642028A1

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
HR MK YU

DOCDB simple family (publication)  
**EP 1703022 A1 20060920; EP 1703022 B1 20180613**; CA 2539378 A1 20060914; CN 1837488 A 20060927; CN 1837488 B 20111116; ES 2686146 T3 20181016; FR 2883010 A1 20060915; FR 2883010 B1 20100820; US 2006228177 A1 20061012

DOCDB simple family (application)  
**EP 06111096 A 20060314**; CA 2539378 A 20060313; CN 200610067322 A 20060314; ES 06111096 T 20060314; FR 0502499 A 20050314; US 37471806 A 20060314