

Title (en)  
Door shutter mechanism

Title (de)  
Türschliessvorrichtung

Title (fr)  
Mécanisme de fermeture de porte

Publication  
**EP 1696093 A1 20060830 (FR)**

Application  
**EP 05075228 A 20050128**

Priority  
EP 05075228 A 20050128

Abstract (en)  
The mechanism has an external lock (3) including a bolt (4) that penetrates into a housing provided at the upper end of a vertical hollow tube (2) that is integrated to the door. The tube is parallel to the door and extends throughout the height of the door leaf. A movement of the bolt (4) is transmitted to the lower end of the tube by a rod (11) to move a bolt (6), subjected to a return spring (5), in a housing provided in the floor. An independent claim is also included for a door comprising a locking mechanism.

IPC 8 full level  
**E05C 9/04** (2006.01); **E05B 65/00** (2006.01); **E05C 19/00** (2006.01); **E06B 3/54** (2006.01)

CPC (source: EP)  
**E05B 65/0025** (2013.01); **E05C 9/04** (2013.01); **E05C 19/00** (2013.01)

Citation (search report)

- [A] EP 1026346 A1 20000809 - META GLAS B V [NL]
- [A] WO 8301644 A1 19830511 - PARLEBAS GERARD [FR], et al
- [A] US 2004041412 A1 20040304 - COHRS RICHARD BETTIN [US], et al
- [A] US 6116661 A 20000912 - OVERBEY JAMES WILEY [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21 3 August 2001 (2001-08-03)

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

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