

Title (en)  
DEVICE FOR CLOSING A DOOR

Title (de)  
VORRICHTUNG ZUM SCHLIESSEN EINER T RE

Title (fr)  
DISPOSITIF DE FERMETURE D'UNE PORTE

Publication  
**EP 1613828 A1 20060111 (DE)**

Application  
**EP 04722523 A 20040323**

Priority  
• DE 2004000598 W 20040323  
• DE 10314098 A 20030327

Abstract (en)  
[origin: WO2004085782A1] The invention relates to a device for closing a door (2), said device comprising a spring element (10), a fixing element (3) for fixing the device (1) to a door (2) and an actuating element (13). According to the invention, the actuating element (13) and the fixing element (3) can be coupled to the spring element (10) in such a way that, when the door (2) is opened, the spring element (10) is stretched and the energy stored in the spring element (10) causes the door (2) to close automatically. The actuating element (13) is embodied as a support element that can be placed against the door frame (18) or the adjacent wall regions in a supporting manner, and the fixing element (3) can be mounted on an edge (17) of the door.

IPC 1-7  
**E05F 1/12**; **E05F 1/10**

IPC 8 full level  
**E05F 1/10** (2006.01); **E05F 1/12** (2006.01)

CPC (source: EP US)  
**E05F 1/1016** (2013.01 - EP US); **E05F 1/1215** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004085782A1

Cited by  
DE202016001398U1; WO2017148663A1

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

DOCDB simple family (publication)  
**WO 2004085782 A1 20041007**; AT E439500 T1 20090815; DE 10314098 A1 20041021; DE 10314098 B4 20050217; DE 202004021630 U1 20090910; DE 502004009889 D1 20090924; EP 1613828 A1 20060111; EP 1613828 B1 20090812; ES 2333657 T3 20100225; PL 1613828 T3 20100129; US 2006021190 A1 20060202; US 7293328 B2 20071113

DOCDB simple family (application)  
**DE 2004000598 W 20040323**; AT 04722523 T 20040323; DE 10314098 A 20030327; DE 202004021630 U 20040323; DE 502004009889 T 20040323; EP 04722523 A 20040323; ES 04722523 T 20040323; PL 04722523 T 20040323; US 23719505 A 20050927