

Title (en)
MAGNETO-MECHANICAL LOCKING DEVICE

Title (de)
MAGNETO-MECHANISCHE SCHLIESSEINRICHTUNG

Title (fr)
DISPOSITIF DE FERMETURE MAGNETO-MECANIQUE

Publication
EP 1608830 A1 20051228 (DE)

Application
EP 04721833 A 20040319

Priority
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Abstract (en)
[origin: US2006049645A1] A magneto-mechanical locking device for locking a door can be displaced in relation to a stationary frame. The locking device contains a locking element produced from a magnetizable material and disposed on the frame. The locking device further has a permanent magnet that is mounted on the door and can be twisted from a first release position, in which the locking element is subject to substantially no action of magnetic force, to a second locking position, in which the locking element is attracted by the action of magnetic force of the permanent magnet and locks the door.

IPC 1-7
E05C 19/16; **E05C 9/08**; **E05B 63/20**

IPC 8 full level
E05C 19/16 (2006.01); **E05B 63/20** (2006.01); **E05C 9/08** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2004083578A1

Cited by
EP3680426A1; DE102019100637A1; CN111885947A; CN111434877A

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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)
US 2006049645 A1 20060309; **US 7267378 B2 20070911**; AT E446430 T1 20091115; AU 2004221673 A1 20040930; CA 2540421 A1 20040930; CN 100417784 C 20080910; CN 1777731 A 20060524; DE 10312269 A1 20040930; DE 502004010266 D1 20091203; EP 1608830 A1 20051228; EP 1608830 B1 20091021; WO 2004083578 A1 20040930

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