Title (en)
BOLT MECHANISM

Title (de)
BOLZENMECHANISMUS

Title (fr)
MÉCANISME DE VERROUILLAGE

Publication
**EP 2347072 A4 20141119 (EN)**

Application
**EP 09821643 A 20091019**

Priority
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Abstract (en)
[origin: WO2010046528A1] A bolt mechanism which comprises a rotatable locking bolt (1) arranged on a bolt axis (2) parallel with the surface of the door, in the locking position of which bolt, a locking slide (4) included in the bolt mechanism is located behind a locking surface (6) of the locking bolt (1) locking the bolt mechanism, a striking plate (11), in which there is an opening (7) and a magnetic element (10) magnetising the locking bolt (1) into the opening (7), moving in the depth and horizontal direction of the opening, a spring (5) fastened from one end to the locking bolt (1) and from the other end to a body (18), and a front shield (3). The invention has been implemented such that the magnetic element (10) is arranged to slide and rotate in front of. the locking bolt (1) as the locking bolt (1) goes into the opening (7) of the striking plate (11), that the magnetic element (10) rotates the locking bolt (1) in the opening direction of the door and that, in the open position of the bolt mechanism, the spring (5) is arranged to hold the locking bolt (1) substantially on the plane of the front shield (3) of the lock.

IPC 8 full level
**E05C 3/00** (2006.01); **E05B 15/02** (2006.01); **E05B 47/00** (2006.01); **E05C 19/16** (2006.01)

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Citation (search report)
• [A] GB 2440025 A 20080116 - ACCESORIOS Y RESORTES S L [ES]
• See references of WO 2010046528A1

Designated contracting state (EPC)
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