

Title (en)  
Lock mechanism for safe doors

Title (de)  
Riegelwerk für eine Tresortür

Title (fr)  
Système de verouillage pour une porte d'un coffre-fort

Publication  
**EP 0748917 B1 20030129 (DE)**

Application  
**EP 96109111 A 19960607**

Priority  
DE 19520711 A 19950611

Abstract (en)  
[origin: EP0748917A1] The bolt mechanism is used in a safe door that has a ground plate. The door has several cross formed shifting rods. A nut on the shifting rods is used to engage drive elements of the lock. The mechanism has a cover plate (2) and at least two locks that are engaged by the movement of the shifting rods. At least two of the rods (6,8) have headbolts (10,11) that are rectangularly situated within the cover plate. The cover plate is situated in the outer field of the lock nut (9) and has a widened space (2c-f). A rectangular nut loading flange (2g) forms a grip on the upper end of the nut by bending around it. Any attempt to remove the rods will result in the head bolts becoming terminally blocked.

IPC 1-7  
**E05G 1/04**; E05B 17/20

IPC 8 full level  
**E05B 17/20** (2006.01); **E05B 65/00** (2006.01); **E05G 1/04** (2006.01)

CPC (source: EP)  
**E05B 65/0082** (2013.01)

Cited by  
CN103953256A; EP1288423A1

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DE ES FR GB IT

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**DE 19520711 A1 19961212**; DE 59610082 D1 20030306; EP 0748917 A1 19961218; EP 0748917 B1 20030129; ES 2188692 T3 20030701

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