

Title (en)  
Anti-slip fire-proof lock

Title (de)  
Gleit- und brandsicheres Schloss

Title (fr)  
Serrure anti-glissement résistante au feu

Publication  
**EP 1162334 A1 20011212 (FR)**

Application  
**EP 01401071 A 20010426**

Priority  
FR 0007268 A 20000607

Abstract (en)  
The lock comprises a box (1) made of a material having a high melting point and a bolt (8) made of a material with a lower melting point. The bolt is mounted on the box to be mobile between a locking position in which it projects to engage a latch (5), and a retracted position in which the door may be opened. An auxiliary bolt (9) is also provided, this being made from a material having a high melting point. The lock comprises a box (1) made of a material having a high melting point which is intended to be fixed to the door (2), and a bolt (8) made of a material with a lower melting point. The bolt is mounted on the box to be mobile between a locking position in which it projects to engage a latch (5), and a retracted position in which the door may be opened. An auxiliary bolt (9) is also provided, this being made from a material having a high melting point. An elastic return device (19) is provided within the lock. Links (11,21) connect together the two bolts, and at least one of these is made from a material which melts at a temperature between the ambient operating temperature and that at which the first bolt melts.

IPC 1-7  
**E05B 65/10**; **E05B 63/14**; **E05B 15/16**

IPC 8 full level  
**E05B 15/10** (2006.01); **E05B 65/10** (2006.01); **E05C 3/12** (2006.01)

CPC (source: EP)  
**E05B 15/102** (2013.01); **E05B 65/104** (2013.01); **E05C 3/124** (2013.01)

Citation (search report)  
• [A] US 5890752 A 19990406 - LIN CHIN-TIEN [TW]  
• [A] EP 0861956 A2 19980902 - BKS GMBH [DE]

Cited by  
CN102619393A; US2020261754A1; US11458339B2; CN104704182A; EP2912247A4; ITTO20120194A1; EP4209648A1; GB2474264A; CN102619394A; GB2474264B; US7722096B2; US10196843B2; WO2007118057A3

Designated contracting state (EPC)  
IT TR

DOCDB simple family (publication)  
**EP 1162334 A1 20011212**; **EP 1162334 B1 20050615**; FR 2810065 A1 20011214; FR 2810065 B1 20040423

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