

Title (en)
Anti-slip fire-proof lock

Title (de)
Gleit- und brandsicheres Schloss

Title (fr)
Serrure anti-glisserment 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; CN104704182A; EP2912247A4; US2020261754A1; CN111809983A; US11458339B2; GB2474264A; CN102619394A; GB2474264B; ITTO20120194A1; EP4209648A1; US7722096B2; US10196843B2; WO2007118057A3

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IT TR

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