

Title (en)
DOOR-LOCKING MECHANISMS FOR SECURITY ENCLOSURES

Publication
EP 0063185 B1 19850904 (EN)

Application
EP 81201408 A 19811231

Priority
GB 8111763 A 19810414

Abstract (en)
[origin: EP0063185A2] The locking mechanism for the door of a safe or the like has sets of bolts (36, 37) and (42, 43) thrown from the side edges of the door and sets of bolts (39, 40) and (45, 46) thrown from the top and bottom edges. The four bolt sets are thrown and withdrawn together by a central thrower (6) to which they are linked by respective drive rods (7-10). The side bolts are arranged in opposed pairs (36, 42) and (37, 43) and the top and bottom bolt structures carry abutment bars (51, 52) which, when thrown, are placed between the inner ends of the side bolts in the opposed pairs so that each side bolt in a pair is effective in resisting forced retraction of the other. Two locks (3,4) are provided to lock up the thrower (6) when thrown and to block the retraction of rods (25, 26) carried together with the top and bottom bolt structures.

IPC 1-7
E05G 1/04

IPC 8 full level
E05B 65/00 (2006.01)

CPC (source: EP)
E05B 65/0075 (2013.01)

Cited by
GB2228764A; GB2262763A; DE4323259A1

Designated contracting state (EPC)
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EP 0063185 A2 19821027; EP 0063185 A3 19830126; EP 0063185 B1 19850904; AU 548431 B2 19851212; AU 8101582 A 19830908; BR 8200036 A 19830412; DE 3172172 D1 19851010; ES 508530 A0 19830216; ES 8304254 A1 19830216; IE 52238 B1 19870819; IE 820017 L 19821014; NZ 199236 A 19840731; NZ 199237 A 19840427; PT 74224 A 19820101; PT 74224 B 19830721

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EP 81201408 A 19811231; AU 8101582 A 19820302; BR 8200036 A 19820106; DE 3172172 T 19811231; ES 508530 A 19820105; IE 1782 A 19820106; NZ 19923681 A 19811210; NZ 19923781 A 19811210; PT 7422481 A 19811229