

Title (en)

DOOR-LOCKING MECHANISMS FOR SECURITY ENCLOSURES

Publication

EP 0055882 B1 19850605 (EN)

Application

EP 81201407 A 19811231

Priority

- AU PE715381 A 19810107
- GB 8111763 A 19810414

Abstract (en)

[origin: EP0055882A2] The locking mechanism for the door of a safe or the like has a mechanism A for disengaging the coupling of an external throwing handle to the main boltwork when thrown in addition to locks (3,4) for locking the boltwork. The handle is provided on the end of a shaft (5) which can be coupled to a thrower (6) inside the safe door by means of a sliding link (12) held in the thrower. The link (12) is biased by a spring (15) to engage in a recess (16) in the shaft (5) to establish the drive connection between the shaft (5) and thrower (6). However, when either lock bolt (17,18) is thrown it passes into an aperture (19,20) in the thrower (6) to lock the latter, and furthermore bears upon an inclined face (21,22) of the link (12) to withdraw the link axially from the shaft recess (16).

IPC 1-7

E05B 17/04; E05G 1/04

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

EP 0018712 A1 19801112 - CHUBB & SONS LOCK & SAFE CO [GB]

Designated contracting state (EPC)

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EP 81201407 A 19811231; BR 8200035 A 19820106; DE 3170904 T 19811231; ES 508529 A 19820105; IE 1682 A 19820106; PT 7422381 A 19811229