

Title (en)
Improvements relating to latch mechanisms.

Title (de)
Fallenmechanismen.

Title (fr)
Mécanismes de loquets.

Publication
EP 0042757 A1 19811230 (EN)

Application
EP 81302812 A 19810623

Priority
GB 8020677 A 19800624

Abstract (en)
A handle (6) is linked by co-operating flanges to a plate (14) by a bolt nose (2). The plate (14) can be moved independently by a lock mechanism (13) acting to rotate the plate (20) which will engage a pin (21) on the plate (14) to withdraw the bolt nose (2) into the body (1). The locking mechanism (13) incorporates a slot which, upon rotation, can be located in one or other of a pair of notches (28) in a hold plate associated with the plate (14) so as to lock the bolt in either the withdrawn or extended positions. A deadlatch nose (5), when withdrawn into the body (1), moves an associated plate (40) so as to allow a pin 48 to enter a notch so that a moulding (46) can rotate and allow a pin (47) to enter a notch (53) in the plate (14) (when the bolt nose (2) is extended) and thus hold the plate (14) against movement allowing the bolt nose to be withdrawn.

IPC 1-7
E05B 55/00; **E05B 63/16**

IPC 8 full level
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CPC (source: EP)
E05B 55/00 (2013.01)

Citation (search report)
• [X] US 3765710 A 19731016 - ORR J
• [A] US 1513904 A 19241104 - HILL ELERT A

Cited by
GB2303874A; GB2303874B

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