

Title (en)

A SIMPLIFIED OPERATION LOCK FOR FURNITURE ELEMENTS, SUCH AS DRAWERS, CUPBOARD DOORS, AND THE LIKE

Publication

EP 0393310 A3 19910529 (EN)

Application

EP 90101202 A 19900122

Priority

IT 2076489 U 19890320

Abstract (en)

[origin: EP0393310A2] A simplified operation lock (1) for furniture elements (2), such as drawers, cupboard doors, and the like, comprises a pair of locking bolts (11) for actuation by a key (3) and a cylinder (7) having opposed, substantially gear-like toothed portions (16), each in mesh engagement with a rack section (17) formed integrally with the corresponding bolt (11). The cylinder (7) is shiftable angularly by the key (3) through an arc of 90 DEG or less but sufficient to cause the bolts (11) to move a significant distance.

IPC 1-7

E05B 65/44; **E05C 9/04**

IPC 8 full level

E05C 9/04 (2006.01); **E05B 65/44** (2006.01)

CPC (source: EP US)

E05C 9/041 (2013.01 - EP US); **E05C 9/047** (2013.01 - EP); **E05B 65/46** (2013.01 - EP US)

Citation (search report)

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- [Y] US 2125227 A 19380726 - JOSEF HAMMARLE
- [X] DE 733273 C 19430323 - STEINBACH & VOLLMANN
- [A] FR 46223 E 19360402 - VACHETTE & CIE
- [A] FR 793609 A 19360128 - VACHETTE & CIE
- [A] DE 2335919 A1 19750130 - LUPP ARTUR
- [A] IBM TECHNICAL DISCLOSURE BULLETIN, vol. 12, no. 3, August 1969, page 394; M.A. LOCKHART et al.: "Cover latch"

Designated contracting state (EPC)

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