

Title (en)
Lock

Title (de)
Schloss

Title (fr)
Serrure

Publication
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Application
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Abstract (en)
The invention relates to a lock intended for arranging in a panel (1), for instance a door, window or hatch, hung hingedly around a pivot axis relative to a frame (2) and movable between a closed position, in which it closes the passage defined by the frame (2), and an open position, which lock is provided with locking means with a bolt (3) which is spring-loaded (6) to an active closing position and which co-acts for closure with a recess (17) present in the frame; an operating member which operates the locking means; and a transmission present between the operating member and the bolt (3) in order to retract the bolt (3) counter to the spring load (6) or release it when the operating profile is operated; and has the characteristics that the bolt (3) is translatable in a direction along the main plane of the panel (1) and is rotatable around an axis lying substantially in this main plane and extending at least roughly in the direction of said pivot axis of the panel (1). <IMAGE>

IPC 1-7
E05C 5/00; **E05B 7/00**; **E05C 19/00**; **E05B 15/10**

IPC 8 full level
E05B 7/00 (2006.01); **E05B 15/10** (2006.01); **E05C 5/00** (2006.01); **E05C 19/00** (2006.01)

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Citation (applicant)
• US 126907 A 18720521
• US 3951442 A 19760420 - SCHLAGE ERNEST L

Citation (search report)
• [X] US 126907 A 18720521
• [X] US 202474 A 18780416
• [X] US 3951442 A 19760420 - SCHLAGE ERNEST L
• [X] DE 1193830 B 19650526 - FLIETHER FA KARL
• [X] EP 0799956 A2 19971008 - SIMONS & VOSS IDENTIFIKATIONSS [DE]
• [X] DE 7439056 U 19760715
• [Y] DE 1553495 A1 19710204 - TREFZER KARL
• [Y] DE 1553490 A1 19700723 - TREFZER KARL
• [A] FR 1604363 A 19711108

Cited by
FR2885155A1; AU2007242065B2; GB2571909A; GB2571909B; GB2423115A; GB2423115B; CN108291414A; EP3380689A4; US11598125B2; US10865588B2; WO2006117457A1; US9598894B2; US9988830B2; US9970214B2; US10480213B2; US10487545B2; US11359412B2; US11371263B2; WO2007121526A1; WO2020148682A1

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