Title (en)

Locking device with at least one lock bolt, for a sliding frame

Title (de)

Verriegelungsvorrichtung mit mindestens einem Riegel für einen Gleitrahmen

Title (fr)

Dispositif de verrouillage à au moins un point de condamnation pour châssis coulissant

Publication

EP 0757146 B1 20010613 (FR)

Application

EP 96401678 A 19960726

Priority

FR 9509283 A 19950731

Abstract (en)

[origin: EP0757146A1] The mechanism consists of a lock (1) mounted on the outer surface of a frame member (2) and equipped with an actuator (3) controlling the movement of an inner mechanism. The inner mechanism comprises a connector (5) which interacts with the actuator (3) and a flat strip (6) which operates one or more locking catches (8a, 8b) engaging with holes (6) in the fixed frame (9). Each of the catches is held against the inner wall of the sliding frame member (2) by a fixing (10a, 10b) in the form of a plate fitted between the frame member wall and a depth regulator (7) which controls the depth of the catch's penetration into the fixed frame hole. The lock mechanism is also equipped with a stop (11) which prevents the sliding frame from being closed when in the locked position to prevent damage to the catches.

IPC 1-7

E05B 65/08; E05C 9/00

IPC 8 full level

E05B 63/18 (2006.01); **E05B 65/08** (2006.01); **E05C 9/00** (2006.01); E05B 63/00 (2006.01)

CPC (source: EP)

E05B 63/185 (2013.01); **E05B 65/087** (2013.01); **E05C 9/1825** (2013.01); E05B 63/0056 (2013.01)

Cited by

FR2777589A1; AU743800B2; AU753529B2; BE1012234A3; AU755768B2; GR20060100549A; AU719207B3; EP0882861A1; FR2763982A1; GB2385887A; GB2385887B; EP0950785A1; DE10209573B4; EP1780352A1; EP3208408A1; US7695030B2; WO2008107926A3; WO2006120715A1; WO2008111108A3; FR2777588A1; US6270129B1; US6962377B2; US6585301B1

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