

Title (en)  
Latching device for a sliding door

Title (de)  
Vorrichtung zur Verriegelung einer Schiebetür

Title (fr)  
Système de verrouillage pour une porte coulissante

Publication  
**EP 1076148 A3 20030514 (DE)**

Application  
**EP 00117091 A 20000809**

Priority  
DE 19937362 A 19990812

Abstract (en)  
[origin: EP1076148A2] The lock comprises a swiveling locking element (7) in the form of a right-angled locking lever which, in its closed position, has its first end (8) gripping behind a hooking-bolt (18); the second end (10) can be brought into contact with the sliding door leaves (1,2). A drive belt (4) has a connecting piece (14) fixed to it which cooperates with the second end of the locking element. The sliding leaf has two spaced apart stops (5,6). A guide lever (19), rotarily mounted on the sliding leaf, cooperates with a deflector (3). The guide lever has a connecting link into which a bolt (13) of the locking element fits.

IPC 1-7  
**E05F 15/14**

IPC 8 full level  
**E05C 21/02** (2006.01); **E05F 15/643** (2015.01)

CPC (source: EP US)  
**E05F 15/643** (2015.01 - EP US); **E05Y 2201/22** (2013.01 - EP US); **E05Y 2201/24** (2013.01 - EP); **E05Y 2201/434** (2013.01 - EP US); **E05Y 2201/648** (2013.01 - EP); **E05Y 2201/652** (2013.01 - EP); **E05Y 2800/73** (2013.01 - EP); **E05Y 2900/132** (2013.01 - EP US)

Citation (search report)

- [DXY] DE 4415708 C1 19950713 - DORMA GMBH & CO KG [DE]
- [X] EP 0678639 A1 19951025 - HESPE & WOELM GMBH & CO KG [DE]
- [Y] CH 687266 A5 19961031 - GEZE GMBH & CO [DE]

Cited by  
EP2765265A1; FR3001753A1; FR3062152A1; FR3001754A1; US10934761B2; WO2018134008A1

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