

Title (en)  
Lock device for a sliding door

Title (de)  
Verriegelungsvorrichtung für eine Schiebetür

Title (fr)  
Dispositif de verrouillage pour une porte coulissante

Publication  
**EP 2607580 A3 20171206 (DE)**

Application  
**EP 12197624 A 20121218**

Priority  
DE 102011089121 A 20111220

Abstract (en)  
[origin: EP2607580A2] A conversion unit (9) converts horizontal movement of an actuating element (8) of an actuator (6) into perpendicular motion of a bolt (10). The conversion unit is comprised of a U-shaped bow lifting element (21) on a connecting link (20) for lifting the bolt. A latch pin (19) in connecting link is supported by bolt. A mounting plate (14) is arranged at a recording slide (15) with which actuator is arranged in a guide rail (5). Recording slide is used as a bolt guide (17) of conversion unit, with a receptacle for slidably receiving the bolt against a locking spring.

IPC 8 full level  
**E05B 47/00** (2006.01); **E05B 47/02** (2006.01); **E05B 65/08** (2006.01); **E05C 1/08** (2006.01); **E05D 15/06** (2006.01)

CPC (source: EP)  
**E05B 47/0004** (2013.01); **E05B 47/026** (2013.01); **E05B 65/0882** (2013.01); **E05D 15/063** (2013.01); **E05B 17/0041** (2013.01); **E05C 1/08** (2013.01); **E05Y 2201/22** (2013.01); **E05Y 2201/246** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

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- [A] DE 4234899 A1 19940421 - GEZE GMBH & CO [DE]
- [A] DE 3202878 A1 19830825 - GEZE GMBH [DE]
- [AD] DE 19510002 A1 19960926 - RAHRBACH GMBH [DE], et al
- [A] EP 1247930 A1 20021009 - HAWA AG [CH]
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102011089121 B3 20130131**; EP 2607580 A2 20130626; EP 2607580 A3 20171206; EP 2607580 B1 20190724

DOCDB simple family (application)  
**DE 102011089121 A 20111220**; EP 12197624 A 20121218