

Title (en)

Device for pulling a door leaf or a window leaf to the frame

Title (de)

Vorrichtung zum Anziehen eines Türblattes oder eines Fensterflügels an den Rahmen

Title (fr)

Dispositif de traction d'un vantail de porte ou d'un battant de fenêtre sur le cadre

Publication

EP 2474696 A3 20150624 (DE)

Application

EP 11008567 A 20111026

Priority

DE 102011007965 A 20110105

Abstract (en)

[origin: EP2474696A2] The device has a pulling device engaged with a drawing-in block (10). The pulling device includes a pulling member loaded by a spring and displaceable in a vertical direction. The pulling device comprises an engaging unit for engaging the pulling member with a drawing-in chamfer of the block. The pulling member is slid along the chamfer during engagement with the chamfer based on load by the spring. The pulling member includes a pulling bar i.e. pin, engaged with the chamfer. The block includes a recess for guiding a sash bolt.

IPC 8 full level

E05C 19/02 (2006.01); **E05B 17/00** (2006.01); **E05B 63/18** (2006.01); **E05B 15/02** (2006.01)

CPC (source: EP US)

E05B 17/0025 (2013.01 - EP US); **E05B 63/18** (2013.01 - EP US); **E05C 19/028** (2013.01 - EP US); **E05B 15/024** (2013.01 - EP US)

Citation (search report)

- [XII] US 5373716 A 19941220 - MACNEIL DAVID I [US], et al
- [XII] FR 2732062 A1 19960927 - VACHETTE SA [FR]
- [XAI] US 4227723 A 19801014 - ROSELL JEAN
- [XAI] US 2689758 A 19540921 - ORR JOHN H
- [A] US 1298266 A 19190325 - VAUDREUIL JOHN [US]
- [A] US 2581606 A 19520108 - JOSEPH SEAMAN DAVID, et al
- [A] US 2174987 A 19391003 - LICKTEIG ALBERT F
- [A] US 5941106 A 19990824 - WILLIAMSON JR RICHARD H [US], et al

Cited by

EP3660248A1

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)

EP 2474696 A2 20120711; **EP 2474696 A3 20150624**; **EP 2474696 B1 20170322**; CA 2758926 A1 20120705; CA 2758926 C 20140527; CN 102587754 A 20120718; CN 102587754 B 20150128; DE 102011007965 A1 20120705; DK 2474696 T3 20170522; ES 2626162 T3 20170724; HR P20170922 T1 20170922; HU E032715 T2 20171030; PL 2474696 T3 20170929; PT 2474696 T 20170612; RU 2011154458 A 20130710; RU 2493920 C2 20130927; US 2012167341 A1 20120705; US 9151095 B2 20151006

DOCDB simple family (application)

EP 11008567 A 20111026; CA 2758926 A 20111117; CN 201110453839 A 20111230; DE 102011007965 A 20110105; DK 11008567 T 20111026; ES 11008567 T 20111026; HR P20170922 T 20170616; HU E11008567 A 20111026; PL 11008567 T 20111026; PT 11008567 T 20111026; RU 2011154458 A 20111230; US 201213343758 A 20120105