

Title (en)

An openable roof window with active lock

Title (de)

Zu öffnendes Dachfenster mit aktivem Schloss

Title (fr)

Fenêtre de toit ouvrant à verrouillage actif

Publication

EP 2924209 A1 20150930 (EN)

Application

EP 14161721 A 20140326

Priority

EP 14161721 A 20140326

Abstract (en)

A pivot- or top hung roof window (1) with a frame (2) and a sash (3) that is pivotally movable relative to the frame (2) between a fully closed position, a nearly closed position where the sash (3) is proximate to the frame (2) and open positions. The roof window is provided with a motorized electronically operated lock (20) that has first and second cooperating lock parts (22,24) that can engage and disengage one another with the first or the second cooperating lock part (22,24). The first and second cooperating lock parts (22,24) are configured to engage one another when the sash (3) arrives from an open position at the nearly closed position. At least the first cooperating lock part (22) is configured to carry out a motorized movement that pulls the sash (3) from the nearly closed position to the fully closed position when the first and second cooperating lock parts (22,24) engage one another.

IPC 8 full level

E05B 63/24 (2006.01); **E05B 17/00** (2006.01); **E04D 13/035** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)

E04D 13/0354 (2013.01); **E05B 17/0029** (2013.01); **E05B 63/24** (2013.01); **E05B 47/0046** (2013.01); **E05B 2047/0051** (2013.01); **E05F 15/622** (2015.01); **E05Y 2900/152** (2013.01)

Citation (search report)

- [X] NL 2007787 C2 20130516 - STENMAN HOLLAND NV
- [X] EP 1816292 A2 20070808 - WINKHAUS FA AUGUST [DE]
- [X] DE 102012203593 A1 20130912 - BROSE FAHRZEUGTEILE [DE], et al
- [X] DE 102009035737 A1 20110203 - ASSA ABLOY SICHERHEITSTECHNIK [DE]
- [X] CH 560831 A5 19750415 - PIATTI BRUNO
- [A] WO 2012085181 A1 20120628 - SUSPA GMBH [DE], et al

Cited by

EP3348737A1; EP4198226A1; CN111255170A; EP4332328A1; EP3505712A1; CN113323541A; EP4006254A1; EP3505696A1; US11946303B2

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 2924209 A1 20150930; **EP 2924209 B1 20170524**; EP 3239439 A1 20171101; EP 3239439 B1 20200311

DOCDB simple family (application)

EP 14161721 A 20140326; EP 17171256 A 20140326