

Title (en)
OPENING DEVICE FOR A ROTARY-TILTING SASH OR TILTING SASH OF A WINDOW OR A DOOR, FOR MANUAL AND/OR MOTOR-DRIVEN TILTING

Title (de)
AUSSTELLVORRICHTUNG FÜR EINEN DREH-KIPP-FLÜGEL ODER KIPP-FLÜGEL EINES FENSTERS ODER EINER TÜR ZUM MANUELLEN UND/ODER MOTORISCHEN KIPPEN

Title (fr)
DISPOSITIF D'OUVERTURE DESTINÉ À UN VANTAIL OSCILLO-BATTANT OU À UN VANTAIL BASCULANT D'UNE FENÊTRE OU D'UNE PORTE POUR UN BASCULEMENT MANUEL ET/OU MOTORISÉ

Publication
EP 2663711 B1 20170201 (DE)

Application
EP 11802028 A 20111213

Priority
• DE 202011001461 U 20110113
• EP 2011072499 W 20111213

Abstract (en)
[origin: WO2012095229A1] The invention relates to an opening device (1) for a tilting sash or rotary-tilting sash of a window or a door, comprising a locking device (4) and a base part (5) that is fixed to the frame (2). A shears-like opening element (7) that can be actuated by means of a motor drive device (6) is mounted on the base part, said shears-like element comprising a connecting member (8) for connecting to the sash (3), the connecting member (8) being a driving rod connecting element (9). The locking device (4) can be brought into a locking position and an unlocking position by means of the motor drive device (6). The invention is characterised in that the base part (5) comprises a housing (10) that receives the motor drive device (6), the motor drive device (6) being formed by a spindle (18), a spindle nut (19), a driving element (20) and a transmission motor (21).

IPC 8 full level
E05F 15/622 (2015.01); **E05D 15/52** (2006.01)

CPC (source: EP)
E05D 15/5205 (2013.01); **E05F 15/622** (2015.01); **E05Y 2201/214** (2013.01); **E05Y 2201/24** (2013.01); **E05Y 2201/604** (2013.01); **E05Y 2201/626** (2013.01); **E05Y 2201/656** (2013.01); **E05Y 2201/724** (2013.01); **E05Y 2900/148** (2013.01)

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

DOCDB simple family (publication)
DE 202011001461 U1 20110317; EP 2663711 A1 20131120; EP 2663711 B1 20170201; PL 2663711 T3 20170731; RU 2013119837 A 20141110; RU 2577498 C2 20160320; WO 2012095229 A1 20120719

DOCDB simple family (application)
DE 202011001461 U 20110113; EP 11802028 A 20111213; EP 2011072499 W 20111213; PL 11802028 T 20111213; RU 2013119837 A 20111213