

Title (en)

DEVICE AND METHOD FOR THE MANUAL AND MOTORISED OPENING OF A TURN-TILT WINDOW

Title (de)

VORRICHTUNG UND VERFAHREN ZUM MOTORISIERTEN UND MANUELLEN ÖFFNEN EINES DREH-KIPPFENSTERS

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR OUVERTURE MOTORISÉE ET MANUELLE D'UNE FENÊTRE OSCILLO-BATTANTE

Publication

**EP 3556981 B1 20200212 (FR)**

Application

**EP 18168357 A 20180419**

Priority

EP 18168357 A 20180419

Abstract (en)

[origin: ES1234627U] Device for motorized opening and closing in bellows of a tilt-and-turn window (200) that closes an opening plane and comprises a leaf (220) and a frame (210), whose device comprises: a. a chain actuator (301), installed in the frame frame (210) and capable of producing a thrust and traction in a direction perpendicular to the plane of the opening; b. a disconnectable coupling assembly comprising a connecting pin (511) fixed to the chain end of the chain actuator and a clamp fork (521) integral with the blade, which can cooperate; c. characterized in that it comprises a mechanism to move the integral coupling element to the leaf, parallel to the opening plane, and to make the connection or disconnection of the leaf with the rigid chain actuator. (Machine-translation by Google Translate, not legally binding)

IPC 8 full level

**E05F 11/06** (2006.01); **E05F 15/649** (2015.01)

CPC (source: EP)

**E05F 11/06** (2013.01); **E05F 15/649** (2015.01); **E05Y 2201/214** (2013.01); **E05Y 2201/218** (2013.01); **E05Y 2201/22** (2013.01); **E05Y 2201/246** (2013.01); **E05Y 2201/656** (2013.01); **E05Y 2201/724** (2013.01); **E05Y 2600/528** (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)

**EP 3556981 A1 20191023**; **EP 3556981 B1 20200212**; BE 1026220 A1 20191114; BE 1026220 B1 20191121; DE 202019001646 U1 20190904; ES 1234627 U 20190913; ES 1234627 Y 20191205; ES 2790073 T3 20201027; FR 3080401 A3 20191025; FR 3080401 B3 20200508; PT 3556981 T 20200511

DOCDB simple family (application)

**EP 18168357 A 20180419**; BE 201905225 A 20190408; DE 202019001646 U 20190410; ES 18168357 T 20180419; ES 201930624 U 20190417; FR 1904248 A 20190419; PT 18168357 T 20180419