

Title (en)
AN ACTUATION DEVICE FOR A WINDOW

Title (de)
BETÄTIGUNGSVORRICHTUNG FÜR EIN FENSTER

Title (fr)
DISPOSITIF D'ACTIONNEMENT POUR UNE FENÊTRE

Publication
EP 4230829 A1 20230823 (EN)

Application
EP 23158072 A 20230222

Priority
IT 202200003236 A 20220222

Abstract (en)
An actuation device for a window comprises a frame, a runner, a first arm which is rotatably connected to the runner and to the window, a second arm which is rotatably connected to the frame and which is slidingly connected to the first arm and an actuator for actuating the runner. The first arm comprises a coupling mechanism which is configured to be coupled/uncoupled to/from a closure pin of the window and which comprises a blocking element and an actuator element. The actuator element is movable between a first position, in which the rotation of the blocking element is prevented, and a second position, in which the blocking element is free to rotate in an independent manner with respect to the actuator element. The closure pin can be disengaged only following a manual stress which is obtained by means of a movement of the closure pin itself.

IPC 8 full level
E05D 15/52 (2006.01); **E05D 15/522** (2006.01); **E05F 15/616** (2015.01); **E05F 15/622** (2015.01); **E05F 15/63** (2015.01)

CPC (source: EP)
E05D 15/52 (2013.01); **E05D 15/5205** (2013.01); **E05D 15/522** (2013.01); **E05F 15/616** (2015.01); **E05F 15/622** (2013.01); **E05F 15/63** (2015.01); **E05Y 2201/214** (2013.01); **E05Y 2201/218** (2013.01); **E05Y 2201/22** (2013.01); **E05Y 2201/624** (2013.01); **E05Y 2201/636** (2013.01); **E05Y 2201/638** (2013.01); **E05Y 2201/694** (2013.01); **E05Y 2400/3013** (2024.05); **E05Y 2600/528** (2013.01); **E05Y 2900/148** (2013.01)

Citation (applicant)
EP 1801340 A1 20070627 - ROTO FRANK AG [DE]

Citation (search report)
• [XAYI] DE 102006002831 A1 20070726 - ROTO FRANK AG [DE]
• [YDA] EP 1801340 B1 20091014 - ROTO FRANK AG [DE]
• [A] DE 102007007997 B3 20080424 - ROTO FRANK AG [DE]
• [A] DE 102006002830 B4 20170608 - ROTO FRANK AG [DE]
• [A] EP 1312742 A2 20030521 - ROTO FRANK AG [DE]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4230829 A1 20230823; EP 4230829 B1 20241030

DOCDB simple family (application)
EP 23158072 A 20230222