

Title (en)

Turn opening limiter for a rotary wing of a door, window or similar

Title (de)

Drehöffnungsbegrenzung für einen Dreh-Flügel eines Fensters, einer Tür oder dergleichen

Title (fr)

Limitation de la rotation d'ouverture pour un battant tournant d'une fenêtre, d'une porte ou analogue

Publication

EP 1978193 A3 20110727 (DE)

Application

EP 07023021 A 20071128

Priority

DE 102007017453 A 20070402

Abstract (en)

[origin: EP1978193A2] The device (1) has a base part (2) fixable at a blind frame of a door or a window, where a pivotably movable holding arm (3) is arranged at the base part. The holding arm cooperates with a coupling element (4) e.g. coupling bolt, that is arranged at a sash of the window or door, based on a handle controlled position of the coupling element. A catch position of the coupling element to the holding arm and a passing position of the coupling element to the holding arm exist in respective rotary opening restriction position of the handle and a rotary opening position of a handle (13) of the sash.

IPC 8 full level

E05C 17/16 (2006.01)

CPC (source: EP)

E05C 17/166 (2013.01); **E05C 9/185** (2013.01)

Citation (search report)

- [A] DE 2439321 A1 19760226 - FUHR C FA
- [A] DE 10306378 A1 20030918 - SIEGENIA AUBI KG [DE]
- [A] DE 102004011880 A1 20050929 - WINKHAUS FA AUGUST [DE]
- [A] DE 102005026756 A1 20061214 - SIEGENIA AUBI KG [DE]

Cited by

CN106761071A; CN103556894A; EP2772604A3; EP2772604A2; DE102013203488A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1978193 A2 20081008; EP 1978193 A3 20110727; EP 1978193 B1 20121003; EP 1978193 B2 20170816; DE 102007017453 A1 20081009; DE 102007017453 B4 20101028; DE 102007017453 C5 20130704; PL 1978193 T3 20130329; PL 1978193 T5 20180430; SI 1978193 T1 20130131; SI 1978193 T2 20171229

DOCDB simple family (application)

EP 07023021 A 20071128; DE 102007017453 A 20070402; PL 07023021 T 20071128; SI 200731089 T 20071128