

Title (en)

Lift protection for sliding windows or sliding doors

Title (de)

Aushebesicherung für Schiebefenster oder Schiebetüren

Title (fr)

Système anti-levage pour fenêtres coulissantes ou portes coulissantes

Publication

EP 2369115 A3 20160817 (DE)

Application

EP 11158988 A 20110321

Priority

- EP 10157315 A 20100323
- EP 11158988 A 20110321

Abstract (en)

[origin: EP2369115A2] The device (100) has two locking elements (110, 120) comprising two groove components and spring components, which comprise a dovetail structure and are formed such that the spring components are inserted into the groove components in a movement direction of a window or a door. The device is arranged in an overlapping region (4) of the window frames for absorbing force components perpendicular to the movement direction, and directed parallel to a movement direction of inner and outer leaf frames (1, 2). The locking elements are detachably connected with the inner and outer leaf frames. An independent claim is also included for a window or door frame including outer and inner leaf frames.

IPC 8 full level

E06B 3/46 (2006.01)

CPC (source: EP)

E06B 3/4609 (2013.01); **E06B 3/469** (2013.01)

Citation (search report)

- [X] JP H0645052 U 19940614
- [X] EP 0985793 A2 20000315 - JANG DU SUK [KR]
- [A] CN 201059140 Y 20080514 - TIANJIN DEV ZONE JINPENG PLAST [CN]

Cited by

EP4245956A1; EP4079996A1; CN106761204A; EP3480408A1; DE102022106095A1; DE102021109793A1

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)

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