

Title (en)

OPENING DEVICE FOR A WING OF A WINDOW, DOOR OR THE LIKE

Publication

EP 0270748 A3 19880817 (DE)

Application

EP 87112790 A 19870902

Priority

DE 3642505 A 19861212

Abstract (en)

[origin: US4845891A] Hardware for the closure of a door or window which is constructionally simple and functionally reliable, permitting movement of the closure out of the frame to a parallel position and allowing horizontal shifting in this position. Lower supporting arms are pivotally mounted on the closure and two traveling carriages are associated with the supporting arms and with an associated bearing block at the side of the closure. The carriages are designed in mirror-image relationship, so that the carriages are movable in opposite directions by means of a differential coupling gear.

IPC 1-7

E05D 15/10; **E05D 15/58**

IPC 8 full level

E05D 15/10 (2006.01); **E05D 15/58** (2006.01)

CPC (source: EP US)

E05D 15/1015 (2013.01 - EP US); **E05D 2015/1031** (2013.01 - EP US); **E05Y 2900/148** (2013.01 - EP US)

Citation (search report)

- [Y] DE 8435367 U1 19850411
- [Y] NL 8203515 A 19840402 - HARRY SIROO
- [A] EP 0090956 A1 19831012 - GRETSCH UNITAS GMBH [DE]

Cited by

EP0784142A3; WO2024211940A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0270748 A2 19880615; **EP 0270748 A3 19880817**; **EP 0270748 B1 19910904**; AT E67006 T1 19910915; DE 3642505 A1 19880623; DE 3642505 C2 19890427; DE 3772723 D1 19911010; DK 168098 B1 19940207; DK 168098 C 19940207; DK 586587 A 19880613; DK 586587 D0 19871110; FI 83804 B 19910515; FI 83804 C 19910826; FI 875261 A0 19871127; FI 875261 A 19880613; NO 165887 B 19910114; NO 165887 C 19910424; NO 874647 D0 19871109; NO 874647 L 19880613; US 4845891 A 19890711

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