

Title (en)

Pivoting or pivoting and tiltable fitting of windows, doors or similar

Title (de)

Dreh-Beschlag oder Dreh-Kipp-Beschlag von Fenstern, Türen oder dergleichen

Title (fr)

Ferrure d'articulation ou oscillo-battante de fenêtres, portes ou analogues

Publication

EP 0598419 B1 19970528 (DE)

Application

EP 93121129 A 19890824

Priority

- DE 3829053 A 19880826
- EP 89115649 A 19890824

Abstract (en)

[origin: EP0360024A1] A pivot fitting or pivot-tilt fitting for windows, doors or the like comprises a lower pivot-tilt bearing (12) and an upper pivot bearing (10), the two bearings being respectively designed with two links (40, 42) for the displacement of the pivot axis (54) during the pivoting opening of the opening frame (26). To relieve the links of the weight of the opening frame, it is proposed that the opening frame (26) be supported on the stationary frame (20) via a device (160) independent of the links (40, 42) of the two pivot bearings (10, 12). <IMAGE>

IPC 1-7

E05D 15/52; **E05D 15/30**; **E05D 15/32**

IPC 8 full level

E05D 15/30 (2006.01); **E05D 15/32** (2006.01); **E05D 15/52** (2006.01); **E05F 7/06** (2006.01)

CPC (source: EP US)

E05D 7/0423 (2013.01 - EP US); **E05D 15/32** (2013.01 - EP US); **E05D 15/5211** (2013.01 - EP US); **E05F 7/06** (2013.01 - EP US); **E05D 15/30** (2013.01 - EP US); **E05D 2007/0469** (2013.01 - EP US); **E05Y 2900/148** (2013.01 - EP US)

Citation (examination)

- DE 2751681 A1 19790523 - WINKHAUS FA AUGUST
- US 1864164 A 19320621 - ALDEEN GEDOR W
- US 2784459 A 19570312 - ANDERBERG AXEL W, et al
- US-Katalog" Superior" Window Hardware der A. W. Manufacturing Co.; Los Angeles, Calif. 80007 (S.20)

Cited by

GB2304148A; GB2304148B

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0360024 A1 19900328; **EP 0360024 B1 19950322**; AT E120254 T1 19950415; AT E153732 T1 19970615; DE 3829053 A1 19900308; DE 3829053 C2 19940217; DE 58909126 D1 19950427; DE 58909799 D1 19970703; EP 0598419 A2 19940525; EP 0598419 A3 19950222; EP 0598419 B1 19970528; EP 0598419 B2 20050720; US 5052079 A 19911001

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EP 89115649 A 19890824; AT 89115649 T 19890824; AT 93121129 T 19890824; DE 3829053 A 19880826; DE 58909126 T 19890824; DE 58909799 T 19890824; EP 93121129 A 19890824; US 39656489 A 19890818