

Title (en)

Wing frame with drive-rod actuated fastening, for window, doors and the like.

Title (de)

Flügelrahmen mit Treibstangenbeschlag für Fenster, Türen od. dgl.

Title (fr)

Cadre d'ouvrant muni d'une tringlere de manoeuvre, pour porte, fenêtre ou analogue.

Publication

EP 0538562 B1 19940914 (DE)

Application

EP 92112884 A 19920729

Priority

DE 4134705 A 19911021

Abstract (en)

[origin: EP0538562A1] In a wing frame with an espagnolette fitting for windows, doors or the like, the wing spars 1 have, on their circumferential rebate surfaces 3, an open stepped groove 4, the so-called Euro-groove, with an outer wide groove step 5 and an inner narrow groove step 7. Located with it longitudinal edges 13 in the outer wide groove step 5 is an espagnolette profile 12 which can be brought into longitudinally shiftable holding engagement with guide pieces 16 which are seated fixedly in the region of the inner narrow groove step 7 or which are fixed therein by means of fastening elements, such as screws 30. There is provided or used as an espagnolette profile 12 a cover-rail profile of flat-rectangular cross-section, which, over its length, has at predetermined points bent or embossed portions 14 extending at least over part of its material thickness and over a predetermined length and transversely to its plane. In this invention, the bent or embossed portions 14 are directed away from the groove 4 and contain long holes or longitudinal slots 15 which are matched to the length of the pushing distance of the espagnolette 12 and into which can be inserted knob-like mouldings as guide pieces 16 which have a head 17 bearing against the outside of the espagnolette 12, a neck 18 passing through the espagnolette 12, a foot 19 engaging under the latter and a central passage channel 20. On the one hand, the foot 19 has a width which is smaller than the width of the long holes or slots 15 in the espagnolette, and on the other hand it has a length which is matched to the width 6 of the outer wide groove step 5 of the stepped groove 4. At least the foot ends 26 are provided with a thickness 27 which is matched to the depth of the bent or embossed portions 14, and the guide pieces 16 designed as knob-like mouldings are anchored fixedly in the bottom of the stepped groove 4, at least when the foot ends 26 are supported in the wide groove step 5, via a screw 30 which passes through their central passage channel 20. <IMAGE>

IPC 1-7

E05C 9/00

IPC 8 full level

E05C 9/00 (2006.01); **E05C 9/18** (2006.01); **E05C 9/22** (2006.01)

CPC (source: EP)

E05C 9/22 (2013.01)

Cited by

DE102011004315B4; EP1728946A1; GB2304793B

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0538562 A1 19930428; **EP 0538562 B1 19940914**; AT E111558 T1 19940915; DE 4134705 A1 19930422; DE 4134705 C2 19950420; DE 59200503 D1 19941020; DK 0538562 T3 19950220; ES 2064139 T3 19950116

DOCDB simple family (application)

EP 92112884 A 19920729; AT 92112884 T 19920729; DE 4134705 A 19911021; DE 59200503 T 19920729; DK 92112884 T 19920729; ES 92112884 T 19920729