

Title (en)

OUTER FRAME OR WING FRAME FOR WINDOWS OR DOORS

Publication

EP 0202510 B1 19891018 (DE)

Application

EP 86105838 A 19860428

Priority

DE 3517861 A 19850517

Abstract (en)

[origin: EP0202510A2] 1. Outer frame or wing frame for windows or doors a) comprising a hollow cross-sectionally rectangular main profile member (1) of synthetic plastics material, b) with, constructed at the four corners of the main profile member (1) grooves (2) disposed symmetrically both with regard to a plane extending at right-angles to the plane of the frame in the longitudinal direction of and through the main profile member (1), as well as in relation to a plane extending parallel with the plane of the frame in the longitudinal direction of and through the main profile member (1), and c) with abutment rib strips (21) with engaging ribs (20) which by form-locking engagement, can over their entire length be snapped into position in a groove (2) in the main profile member (1), characterised in that d) the engaging rib (20) has a shallow projection which protrudes into a channel (24) in the groove (2) engaging around that edge of the channel (24) which is towards the groove opening.

IPC 1-7

E06B 3/22; **E06B 3/58**

IPC 8 full level

E06B 3/08 (2006.01); **E06B 3/22** (2006.01); **E06B 3/58** (2006.01)

CPC (source: EP)

E06B 3/08 (2013.01); **E06B 3/5821** (2013.01)

Cited by

US4979346A; GB2206630A; GB2217763A; GB2217763B; US5901509A; GB2299121A; GB2299121B; GB2284004A; EP1816299A3; GB2467649A; US8584410B2; GB2460098A; GB2272243A; GB2272243B; GB2196368A; GB2196368B; GB2470922A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0202510 A2 19861126; **EP 0202510 A3 19870616**; **EP 0202510 B1 19891018**; **EP 0202510 B2 19970618**; AT E47459 T1 19891115; DE 3517861 A1 19861120; DE 3517861 C2 19880818; DE 3546909 C2 19960718; DE 3666482 D1 19891123; DK 160371 B 19910304; DK 160371 C 19910819; DK 215486 A 19861118; DK 215486 D0 19860509

DOCDB simple family (application)

EP 86105838 A 19860428; AT 86105838 T 19860428; DE 3517861 A 19850517; DE 3546909 A 19850517; DE 3666482 T 19860428; DK 215486 A 19860509