

Title (en)

Metal section bar for door and window frames.

Title (de)

Metallprofil für Tür- oder Fensterrahmen.

Title (fr)

Profilé métallique pour cadres de porte ou de fenêtre.

Publication

EP 0422707 A1 19910417 (EN)

Application

EP 90202482 A 19900919

Priority

IT 2190089 U 19891010

Abstract (en)

A metal section bar for door and window frames has a tubular shape with a substantially rectangular cross-section with two essentially flat opposite sides (1, 2), which extend to form abutment elements (41, 42) suitable for defining, with the sides themselves, the inner face and the outer face of the frame, respectively, and two sides (7, 8) perpendicular to said opposite sides (1, 2). A first perpendicular side (7) is provided with turned sections (9) defining a first substantially C-shaped cavity (10), arranged at the inner extremity of said first perpendicular side (7) and suitable for coupling to a joining element (18) of a standard type hinge (19). The second perpendicular side (8) is provided with similar turned sections (13) defining a second similar substantially C-shaped cavity (14), next to the corresponding inner extremity of said second perpendicular side (8) and suitable for coupling to a symmetrical joining element (20) of the above hinge (19).

IPC 1-7

E06B 3/12

IPC 8 full level

E06B 3/08 (2006.01); **E06B 3/34** (2006.01)

CPC (source: EP)

E06B 3/08 (2013.01); **E06B 3/34** (2013.01)

Citation (search report)

- [X] EP 0049694 A1 19820414 - SLIM SOC LAVORA IND METALLI [IT]
- [Y] FR 2514465 A1 19830415 - ALL CO SPA [IT]
- [A] CH 347336 A 19600630 - ALUMINIUM IND AG [CH]
- [A] FR 2455670 A3 19801128 - FEAL SPA [IT]
- [A] DE 2002838 A1 19710812 - WIELAND WERKE AG

Cited by

SG89411A1; GB2263495A; GB2263495B; US8713866B2; WO9311333A1

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DOCDB simple family (publication)

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