

Title (en)

A set of metal sections for constructing door and window support frames.

Title (de)

Bausatz aus Metallprofilen zur Herstellung von Tür- und Fensterrahmen.

Title (fr)

Ensemble de profilés métalliques pour la fabrication de cadres pour portes et fenêtres.

Publication

**EP 0049694 A1 19820414 (EN)**

Application

**EP 81830183 A 19811005**

Priority

IT 4984280 A 19801008

Abstract (en)

The metal sections in question, that form the fixed frame, the movable frame and the frame-work surrounding the doors and windows achieved therewith, have a specially shaped base profile provided with particular projections (9) and longitudinal projecting parts (7) designed to couple by restraint one similar section to another, and to permit the insertion of anchoring and/or manoeuvring accessories (41,43) that can be fixed to the sections without subjecting them to any milling or drilling operation, thereby providing a structure that is particularly simple, robust, easy and fast to install.

IPC 1-7

**E06B 3/12**; **E06B 3/26**

IPC 8 full level

**E06B 3/08** (2006.01); **E06B 3/12** (2006.01); **E06B 3/26** (2006.01); **E06B 3/263** (2006.01); **E06B 3/34** (2006.01); **E06B 3/36** (2006.01)

CPC (source: EP)

**E06B 3/08** (2013.01); **E06B 3/26336** (2013.01); **E06B 3/34** (2013.01); **E06B 3/362** (2013.01)

Citation (search report)

- FR 1573068 A 19690704
- DE 2414720 A1 19751016 - UHL KG GEB
- DE 2810630 A1 19790913 - HARTMANN & CO W
- DE 2803453 A1 19790802 - BILSTEIN AUGUST FA
- DE 2750351 A1 19790531 - STRAUB THEODOR
- DE 2129779 A1 19721221 - ENGELHARDT GEB SCHUBERT MONIKA
- DE 2624278 A1 19771208 - SYCO PROD ENTWICKLUNGS GMBH
- BE 706043 A 19680318
- CH 546878 A 19740315 - HARTMANN & CO W
- FR 2436244 A1 19800411 - SCHUERMANN & CO HEINZ [DE]
- DE 2004559 A1 19700827
- DE 2724377 A1 19781130 - CAPRANO & BRUNNHOFER
- DE 2121961 A1 19721116
- US 2913778 A 19591124 - ALEXANDER ROBERT L

Cited by

US10151138B2; GB2159865A; GB2196367A; AU637924B2; CN103161383A; NL1020328C2; EP0128259A3; EP0596544A1; CN109667513A; EP0422707A1; GB2201182A; GB2201182B; ES2066636A2; EP0551836A1; ES2050589A2; CN103437645A; EP0460514A1; EP0378977A3; FR2897384A1; DE19541042A1; DE19541042C2; EP0438983A1; GB2414264A; GB2414264B; EP0325900A1; WO2015196260A1; WO03087517A1; WO2006001708A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

**EP 0049694 A1 19820414**; **EP 0049694 B1 19850911**; AT E15523 T1 19850915; DE 3172240 D1 19851017; IT 1144014 B 19861029; IT 8049842 A0 19801008

DOCDB simple family (application)

**EP 81830183 A 19811005**; AT 81830183 T 19811005; DE 3172240 T 19811005; IT 4984280 A 19801008