

Title (en)
CONNECTOR FOR SOLID OR HOLLOW PROFILE SECTIONS

Title (de)
VERBINDUNGSELEMENT FÜR MASSIV- UND HOHLPROFILE

Title (fr)
ASSEMBLEUR POUR PROFILES PLEINS OU CREUX

Publication
EP 0836662 A1 19980422 (FR)

Application
EP 96924036 A 19960628

Priority
• FR 9601009 W 19960628
• FR 9508217 A 19950704
• FR 9515615 A 19951220

Abstract (en)
[origin: WO9702389A1] A connector (1) for profile sections having axes that intersect at a certain angle (alpha , beta). The connector consists of a connecting member folded or cut so that it defines a bearing surface provided with a through-bore (5) and arranged to be attached to any one of the surfaces of a first profile section, said connecting member being pivotable about a first axis (D1) parallel or orthogonal to the longitudinal axis of said through-bore, and at least one portion of said member further being pivotable about a second axis (D2) orthogonal to said first axis (D1). The part of the connector located beyond a plane parallel to said first axis (D1) and passing through the second pivot axis (D2) forms an initial attachment portion to which a second profile section is attached either directly or by means of an insert. Said connector is useful for structural frameworks.

IPC 1-7
E04B 1/26; **E06B 3/96**

IPC 8 full level
E04B 1/00 (2006.01); **E04B 1/26** (2006.01); **E04C 3/00** (2006.01); **E06B 3/964** (2006.01); **E04D 3/08** (2006.01)

CPC (source: EP US)
E04B 1/0046 (2013.01 - EP US); **E04B 1/2604** (2013.01 - EP US); **E04B 1/2608** (2013.01 - EP US); **E04C 3/00** (2013.01 - EP US); **E06B 3/9644** (2013.01 - EP US); **E04B 2001/2644** (2013.01 - EP US); **E04D 2003/0868** (2013.01 - EP US); **Y10T 403/46** (2015.01 - EP US)

Citation (search report)
See references of WO 9702389A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IE IT LI NL PT SE

DOCDB simple family (publication)
WO 9702389 A1 19970123; AT E184349 T1 19990915; CA 2225802 A1 19970123; DE 69604181 D1 19991014; DE 69604181 T2 20000525; EP 0836662 A1 19980422; EP 0836662 B1 19990908; ES 2140876 T3 20000301; US 6098366 A 20000808

DOCDB simple family (application)
FR 9601009 W 19960628; AT 96924036 T 19960628; CA 2225802 A 19960628; DE 69604181 T 19960628; EP 96924036 A 19960628; ES 96924036 T 19960628; US 98186898 A 19980126