

Title (en)

Beam, in particular hollow polygonal section made from extruded light metal alloys, and building set comprising such beams

Title (de)

Träger, insbesondere ein aus einer Leichtmetalllegierung stranggespresstes Hohlprofil eckigen Querschnitts, und Bausatz aus derartigen Trägern

Title (fr)

Poutre, en particulier profilé polygonal creux en alliage léger extrudé, et ensemble de construction comprenant ces poutres

Publication

**EP 0892123 A3 20000607 (DE)**

Application

**EP 98810621 A 19980702**

Priority

- DE 19731028 A 19970718
- DE 19735830 A 19970818

Abstract (en)

[origin: EP0892123A2] The supports comprise extruded hollow profiled sections (10-13) of rectangular cross-section of different cross-sectional length and width with the cross-sectional length of one hollow section corresponding to the cross sectional width of the associated other hollow section. The ratio of length to width is between 1.2 and 2.4 At least two opposite profiled sides (18,19) each have a pair of rear cut longitudinal grooves (28) and each groove adjoins a channel-like profiled cavity (24,40) associated with each profiled corner (16).

IPC 1-7

**E04C 3/06**

IPC 8 full level

**E04C 3/32** (2006.01); **E04C 3/06** (2006.01); **F16S 3/02** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP US)

**E04C 3/06** (2013.01 - EP US); **E04C 2003/0421** (2013.01 - EP US); **E04C 2003/043** (2013.01 - EP US); **E04C 2003/0465** (2013.01 - EP US)

Citation (search report)

- [YA] EP 0435480 A1 19910703 - BROWN JOHN AUTOMATION [GB]
- [Y] FR 1243605 A 19601014
- [A] DE 9116436 U1 19921008
- [A] DE 8901539 U1 19900621

Cited by

RU2663857C1; AT512048A4; AT512048B1; US8793965B2; WO2010057522A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0892123 A2 19990120**; **EP 0892123 A3 20000607**; **EP 0892123 B1 20041222**; AT E285498 T1 20050115; JP H1181553 A 19990326; US 6195953 B1 20010306

DOCDB simple family (application)

**EP 98810621 A 19980702**; AT 98810621 T 19980702; JP 20480198 A 19980721; US 11925898 A 19980720