

Title (en)

An element for the construction of lattice webs for girders and like structural members, and a method for manufacturing such an element.

Title (de)

Element für die Fertigung von Fachwerkstegen für Träger und dergleichen Strukturelemente und Herstellungsmethode.

Title (fr)

Elément pour la construction d'âmes réticulées pour poutres et éléments structuraux similaires, et méthode de fabrication d'un tel élément.

Publication

EP 0318450 A1 19890531 (EN)

Application

EP 88850397 A 19881118

Priority

SE 8704679 A 19871125

Abstract (en)

The element is comprised of a continuous length of bendable strip material which is bent to a sawtooth configuration, wherewith respective crests (3) which interjoin two adjacent diagonal struts (1, 2) of the strip material are flat, each crest (3) and adjoining struts (1,2) together forming one sawtooth in the sawtooth row. The outer surfaces of two adjacent struts (1,2) are unbroken continuations of the strip parts forming the crests (3) and lie in two parallel planes which are perpendicular to the plane of the flat crests (3) and lie on both sides of the crests (3). The invention also relates to a method for manufacturing such a web element.

IPC 1-7

E04C 3/09

IPC 8 full level

E04C 3/09 (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)

E04C 3/09 (2013.01); **E04C 2003/0413** (2013.01); **E04C 2003/0421** (2013.01); **E04C 2003/0434** (2013.01); **E04C 2003/0473** (2013.01)

Citation (search report)

- [Y] GB 2034792 A 19800611 - LYSAGHT AUSTRALIA LTD
- [Y] US 2066388 A 19370105 - DIMITRI BIRKIN
- [A] GB 493635 A 19381012 - LEWIS CONSTRUCTION COMPANY LTD, et al
- [A] US 3740917 A 19730626 - WONG L
- [A] US 3826057 A 19740730 - FRANKLIN J
- [A] FR 1176026 A 19590403 - PROFIL SA IND FINANC LE
- [A] US 2171673 A 19390905 - ROOPP FRANKLIN N

Cited by

AU2002215699B2; CN1300428C; CN100351476C; EP3929370A1; NL2025847B1; WO02053851A1; WO0186088A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0318450 A1 19890531; SE 461075 B 19900108; SE 8704679 D0 19871125; SE 8704679 L 19890526

DOCDB simple family (application)

EP 88850397 A 19881118; SE 8704679 A 19871125