

Title (en)

HOLLOW PROFILED ELEMENT, PARTICULARLY FOR A LATTICE TOWER; METHOD FOR THE PRODUCTION OF SUCH A HOLLOW PROFILED ELEMENT; LATTICE TOWER COMPRISING AT LEAST THREE CORNER POSTS

Title (de)

HOHLPROFIL, INSBESONDERE FÜR EINEN FACHWERKTURM; VERFAHREN ZUR HERSTELLUNG EINES HOHLPROFILS; FACHWERKTURM MIT MINDESTENS DREI ECKSTIELEN

Title (fr)

PROFILÉ CREUX DESTINÉ EN PARTICULIER À UNE TOUR DE CHARPENTE, PROCÉDÉ DE RÉALISATION D'UN PROFILÉ CREUX ET TOUR DE CHARPENTE COMPRENANT AU MOINS TROIS MONTANTS D'ANGLE

Publication

**EP 2089591 A1 20090819 (DE)**

Application

**EP 07846582 A 20071114**

Priority

- EP 2007009829 W 20071114
- DE 102006053480 A 20061114

Abstract (en)

[origin: CA2667567A1] Disclosed is a hollow profiled element, particularly for a lattice tower, comprising a first profiled part and a second profiled part. The cross-section of the hollow profiled element is designed such that the first profiled part has two legs and the second profiled part is disposed between the legs of the first profiled part in such a way that one final edge of the second profiled part is connected to one leg of the first profiled part while the other final edge of the second profiled part is connected to the other leg of the first profiled part in order to form a closed hollow cross-section, said connections being such that a partial section of the respective leg of the first profiled part projects from the joint. The first and the second profiled part are designed such that the ratio between the two area moments of inertia about the centroid axes of the cross-section of the hollow profiled element ranges between 0.9 and 1.6.

IPC 8 full level

**E04C 3/06** (2006.01); **E04H 12/10** (2006.01); **F03D 11/04** (2006.01)

CPC (source: EP US)

**E04C 3/06** (2013.01 - EP US); **E04C 3/07** (2013.01 - EP US); **E04H 12/10** (2013.01 - EP US); **F03D 13/20** (2016.05 - EP US); **E04C 2003/0413** (2013.01 - EP US); **E04C 2003/0439** (2013.01 - EP US); **E04C 2003/0447** (2013.01 - EP US); **E04C 2003/0486** (2013.01 - EP US); **F05B 2240/9121** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP); **Y02E 10/728** (2013.01 - EP US); **Y02P 70/50** (2015.11 - EP US); **Y10T 29/49627** (2015.01 - EP US)

Citation (search report)

See references of WO 2008058714A1

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