

Title (en)

Beam and panel provided with this beam

Title (de)

Balken und mit diesem Balken ausgestattete Platte

Title (fr)

Poutre et panneau doté de celle-ci

Publication

EP 2080844 A1 20090722 (EN)

Application

EP 08100485 A 20080115

Priority

EP 08100485 A 20080115

Abstract (en)

A beam (13), comprising a longitudinal metallic body (4), having the shape of an open trapezoidal profile in cross section, where, a longitudinal distance keeping reinforcing element is fixed to each of its end flanges, which element is formed by at least one longitudinal metallic profile (3) having shape of the letter C in cross section, where the stem of the profile (3) is provided with perforations along its whole length, wherein, the longitudinal metallic profile (3) is of width corresponding to the width of the flange of the trapezoidal profile of said longitudinal metallic body (4), and its stem is placed in the region above the transfer of this flange into the oblique wall of the open trapezoidal profile of said longitudinal body (4). A panel determined to be used preferably for building of roofs or for claddings of structures, with large span of the carrying and supporting elements is provided with at least one beam (13).

IPC 8 full level

E04B 5/10 (2006.01); **E04B 7/22** (2006.01); **E04D 3/35** (2006.01)

CPC (source: EP)

E04B 5/10 (2013.01); **E04B 7/22** (2013.01); **E04D 3/352** (2013.01)

Citation (applicant)

US 4346544 A 19820831 - LARSEN JENS-FREDERIK

Citation (search report)

- [DA] US 4346544 A 19820831 - LARSEN JENS-FREDERIK
- [A] WO 9850647 A1 19981112 - SVENSSON PEEHR MATHIAS ORNFELD [DK]
- [A] FR 2485593 A1 19811231 - A BETONG AB [SE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2080844 A1 20090722

DOCDB simple family (application)

EP 08100485 A 20080115