

Title (en)
STEEL BEAM

Title (de)
STAHLTRÄGER

Title (fr)
POUTRE D'ACIER

Publication
EP 1507939 B1 20100714 (EN)

Application
EP 03725252 A 20030523

Priority

- FI 0300399 W 20030523
- FI 20021010 A 20020529

Abstract (en)
[origin: WO03100187A1] The invention relates to a steel beam that is arranged to serve together with concrete as a bearing composite structure for various slab systems, the composite structure comprising a base plate (1) and two web parts (2, 3) arranged side by side at a distance from each other and joined at first ends of the web parts by means of a horizontal top part (4), whereby the base plate (1), web parts (2, 3) and horizontal top part (4) are arranged to form a space that can be filled with concrete. One web part (2) is in a manner known per se made slanted relative to the base plate (1) and a corbel flange (5) extending from it and equipped with openings (6). The other web part (3) is, in turn, made substantially perpendicular to the base plate (1) and has no openings.

IPC 8 full level
E04C 3/293 (2006.01); **E04B 5/29** (2006.01); **E04C 3/07** (2006.01)

CPC (source: EP FI)
E04B 5/29 (2013.01 - EP); **E04C 3/07** (2013.01 - EP); **E04C 3/291** (2013.01 - EP); **E04C 3/293** (2013.01 - EP FI)

Cited by
DE202019103312U1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03100187 A1 20031204; WO 03100187 A8 20040219; AT E474100 T1 20100715; AU 2003227800 A1 20031212;
DE 60333360 D1 20100826; DK 1507939 T3 20101018; EP 1507939 A1 20050223; EP 1507939 B1 20100714; ES 2348295 T3 20101202;
FI 118817 B 20080331; FI 20021010 A0 20020529; FI 20021010 A 20031130; NO 20045685 L 20041229; NO 331579 B1 20120130

DOCDB simple family (application)
FI 0300399 W 20030523; AT 03725252 T 20030523; AU 2003227800 A 20030523; DE 60333360 T 20030523; DK 03725252 T 20030523;
EP 03725252 A 20030523; ES 03725252 T 20030523; FI 20021010 A 20020529; NO 20045685 A 20041229