

Title (en)

Manufacturing method for prestressed concrete hollow slabs and slabs obtained by that method

Title (de)

Verfahren zur Herstellung von Hohlraumplatten aus Spannbeton und daraus hergestellten Hohlraumplatten

Title (fr)

Procédé de fabrication de dalles alvéolées en béton précontraint ainsi que les dalles obtenues suite à la mise en oeuvre de ce procédé

Publication

EP 1555100 B1 20181031 (FR)

Application

EP 05300033 A 20050114

Priority

FR 0400341 A 20040115

Abstract (en)

[origin: EP1555100A1] The slab has lifting and handling loops (6) fixed on strands, where each loop is constituted by a bent metal rod with a gripping ring (7). The ring and related strand are coplanar to each other. Lateral bends (8, 8') of the loop define locating lugs (9, 9'), and stirrup straps (10, 10') are located in a plane perpendicular to the plane of the ring. The straps permit clippage by twisting of the loop along and on both sides of the strand. An independent claim is also included for a process of fabricating a series of hollow concrete slabs.

IPC 8 full level

B28B 23/00 (2006.01); **E04G 21/14** (2006.01)

CPC (source: EP)

B28B 23/005 (2013.01); **B28B 23/0062** (2013.01); **E04G 21/145** (2013.01)

Citation (examination)

- EP 1245756 A1 20021002 - LEGEAI BERNARD [FR], et al
- FR 2833285 A1 20030613 - APPLIC COMPOSANTS GUIRAUD FRER [FR]
- DK 168695 B1 19940524 - BETONELEMENT A S [DK]

Cited by

FR2885548A1; EP1878854A3; FR2905397A1; US2013234460A1; CN103302745A; US8875448B2; RU2645034C2; EP2090415A1; US7992281B2; EP2075392A1; WO2008025894A3; WO2008097102A1

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