

Title (en)

METHOD FOR PRODUCTION OF A FLOOR STRUCTURE OF STEEL AND CONCRETE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER BODENSTRUKTUR AUS STAHL UND BETON

Title (fr)

PROCEDE DE PRODUCTION D UNE STRUCTURE DE PLANCHER COMPOSEE D ACIER ET DE BETON

Publication

EP 1877632 B1 20111019 (EN)

Application

EP 06733379 A 20060502

Priority

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- SE 0500998 A 20050502

Abstract (en)

[origin: WO2006118528A1] A floor structure beam of steel and concrete comprises, on the one hand, an elongate steel body (10), comprising a lower longitudinally extending steel plate (11) and a plurality of steel bolts (12), welded to the steel plate (11) and extending in an upward direction from said plate and, on the other hand, a longitudinally extending concrete element (17), cast upon the steel plate (11) and wherein the steel body (10) is anchored by means of said bolts (12). The concrete element (17) as a whole is produced by casting concrete upon the steel plate (11) only when the steel body (10) has been placed in the intended position therefor in a floor structure (16). The bolts (12) define free spaces (23) therebetween in which pipes (19) can be placed before the step of casting the concrete element (17).

IPC 8 full level

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CPC (source: EP SE)

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Cited by

CN106284788A; CN112343232A; CN115030383A

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