

Title (en)
Prestressed concrete beam and process for making the same

Title (de)
Spannbetonträger, sowie Verfahren zu seiner Herstellung

Title (fr)
Poutrelle en béton précontraint et son procédé de fabrication

Publication
EP 0744511 B1 20030212 (FR)

Application
EP 96401126 A 19960524

Priority
FR 9506183 A 19950524

Abstract (en)
[origin: EP0744511A1] The beam, e.g. for constructing floors, consists of a central section (A) and two end sections (B) which are of lower height than the central section and have a length of between some tens of cm and 1/3 of the beam's length. The end sections (B) have projecting steel reinforcing elements (4), forming a beam which have a greater resistance to flexure in its central section and a greater resistance to shearing forces in its end sections. The height of the projecting reinforcing elements is not greater than the height of the beam's central section, and the two end sections are formed by packing the mould with a powdered material, polystyrene blocks or cardboard. The blocks can also be, for example, of neoprene or polypropylene.

IPC 1-7
E04C 5/065; **E04C 3/26**; **B28B 7/34**

IPC 8 full level
B28B 7/34 (2006.01); **E04C 3/26** (2006.01); **E04C 5/065** (2006.01)

CPC (source: EP)
B28B 7/34 (2013.01); **E04C 3/26** (2013.01); **E04C 5/065** (2013.01)

Cited by
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EP 0744511 A1 19961127; **EP 0744511 B1 20030212**; AT E232570 T1 20030215; DE 69626150 D1 20030320; FR 2734588 A1 19961129; FR 2734588 B1 19970711

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