

Title (en)
BEAM STRUCTURE AND CONSTRUCTIONS USING SAME

Title (de)
TRAEGERSTRUKTUR UND BAUWERKE WELCHE DIESE GEBRAUCHEN

Title (fr)
STRUCTURE DE POUTRE ET OUVRAGES L'UTILISANT

Publication
EP 0784726 A1 19970723 (FR)

Application
EP 96924940 A 19960705

Priority
• FR 9601049 W 19960705
• FR 9508487 A 19950706

Abstract (en)
[origin: FR2736372A1] A beam structure designed to be subjected to at least one bending load defining therealong an envelope curve of bending moments (C1, C2) comprising at least one first portion in which the bending moments are of a first sign, at least one second portion in which the bending moments are of a second sign opposite to the first, and at least one third portion in which the bending moments are of the first sign or the second sign or are zero. The beam structure includes a first body (11) whose height and length are also those of the beam structure, and a second body (13) joined sideways to the first body (11) along the full length thereof. The second body (13) is at the top of the first body (11) in the first portion of the envelope curve of bending moments and at the bottom of the first body (11) in the second portion of said curve, whereas in the third portion of the envelope curve of bending moments, said second body (13) is longitudinally continuous and arranged in a variable intermediate position between the top and bottom of said first body (11).

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IPC 8 full level
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CPC (source: EP US)
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