Title (en)

METHOD FOR MANUFACTURING STEEL BEAM AND STEEL BEAM

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES STAHLTRÄGERS UND STAHLTRÄGER

Title (fr)

PROCEDE FABRICATION D'UNE POUTRE D'ACIER ET POUTRE D'ACIER

Publication

EP 1507938 A1 20050223 (EN)

Application

EP 03725251 A 20030523

Priority

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• FI 20021009 A 20020529

Abstract (en)

[origin: WO03100186A1] A method and means for manufacturing a steel beam, the steel beam serving together with concrete as a bearing composite structure for various slab sys-tems. In the method the base plate (1), web parts (2) and top plate (3) of the beam are cut from a plate material, the parts are assembled in such a manner that between them, a space is formed for concrete, and the parts are welded together. Web plates (3) are cut to a curved shape according to precambering. Side supports (4) determining the position of the web plates and centre supports (5) determining the location of the top plate (3) are fastened to the base plate (1) at regular intervals in the longitudinal direction of the beam. A force (F) is directed to the base plate (1) that forces the base plate (1) to the curvature defined by the web plates (2).

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Citation (search report)

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