

Title (en)

PRE-STRESSED COMPACT BEAM AND METHOD FOR ITS MANUFACTURE

Title (de)

VORGESPANNTER KOMPAKTER BALKEN UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

POUTRE COMPACTE PRÉCONTRAINTE ET SON PROCÉDÉ DE PRODUCTION

Publication

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Application

EP 11829648 A 20110920

Priority

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Abstract (en)

[origin: WO2012044173A1] Pre-stressed beams where two outer elements (10-12) being symmetrical or near symmetrical along the neutral axis of the cross-section of the beam, are joined together by means of a center element (11) after bending and mutual sliding of the element surfaces. The outer elements (10, 12) are held together by means of the shear transmitting center element (11) arranged for mechanical and/ or chemical transmission of forces. A method for the manufacture of such beams is also provided.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [XD] GB 1305645 A 19730207
- [X] US 4745718 A 19880524 - O'SULLIVAN KEVIN B [US], et al
- [X] DD 26379 A1 19640415
- [X] EP 0163781 A1 19851211 - HOUTHANDEL V H T C GROOT B V [NL]
- See references of WO 2012044173A1

Designated contracting state (EPC)

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