

Title (en)  
MANUFACTURING PROCESS OF A STRUCTURAL ELEMENT

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES STRUKTURELEMENTES

Title (fr)  
PROCÉDÉ DE RÉALISATION D'UN ÉLÉMENT DE STRUCTURE

Publication  
**EP 2108758 B1 20171227 (FR)**

Application  
**EP 09290268 A 20090410**

Priority  
FR 0801966 A 20080410

Abstract (en)  
[origin: EP2108758A1] The method involves reversing and fixing a plate having a set of cleats on another set of cleats of another plate by taking shape of a rigid support. A third plate with a third set of cleats is formed on a flat support, and reversed and fixed on the former set of cleats. A cleat-less external closing plate is positioned and fixed on the third set of cleats to form a structural element that is spaced from the rigid support. The number of the plates and thicknesses of the plates and the cleats are determined to give desired resistance to the element, while limiting weight of the element. An independent claim is also included for a building framework comprising a support beam.

IPC 8 full level  
**E04B 7/08** (2006.01); **B27H 1/00** (2006.01); **B27M 3/00** (2006.01); **E04C 3/42** (2006.01)

CPC (source: EP)  
**E04B 7/08** (2013.01); **E04C 3/122** (2013.01); **E04C 3/16** (2013.01); **E04C 3/42** (2013.01)

Cited by  
JP2021534338A; EP3841259A4; WO2015036654A1; WO2020041457A1; US11808031B2

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DOCDB simple family (publication)  
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