Title (en)
SUPPORTING CORE AND METHOD FOR PRODUCING HOLLOW PROFILED ELEMENTS

Title (de)
STÜTZKERN UND VERFAHREN FÜR DIE HERSTELLUNG VON HOHLPROFILEN

Title (fr)
NOYAU DE SUPPORT ET PROCÉDÉ POUR PRODUIRE DES PROFILÉS CREUX

Publication
EP 2282853 A1 20110216 (DE)

Application
EP 09742014 A 20090429

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Abstract (en)
[origin: WO2009135796A1] The invention relates to a supporting core (1) for using in a device for shaping plates to form a structured hollow profiled element comprising a plurality of interconnected supporting members (2), and to a method for producing structured hollow profiled elements from a plate. The aim of the invention is to provide a supporting core (1) for using in the production of structured hollow profiled elements, which ensures an all-over support of the plate, and thereby enables the production of hollow profiled elements with a variable cross-section or a curved form. To this end, when the individual supporting members (2) are pushed together, at least part of the surface thereof forms the inner contour of the hollow profiled element to be produced and they are interconnected by means of coupling elements (4). The coupling elements (4) allow the supporting members to be separated, said supporting members (2) being interconnected in an articulated manner in the separated position thereof.

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See references of WO 2009135796A1

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