

Title (en)

METHOD FOR MANUFACTURING LOAD-CARRYING ELEMENTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON LASTTRAGELEMENTEN

Title (fr)

PROCEDE DE FABRICATION D'ELEMENTS DE TRANSPORT DE CHARGE

Publication

**EP 1737739 A1 20070103 (EN)**

Application

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Abstract (en)

[origin: WO2005097607A1] The invention relates to a method for manufacturing load-carrying beam-like elements (4) and to the manufacture of a loading base, such as a pallet, by using the elements thus obtained. The elements (4) consist of tubular paperboard cores (1) and covering paperboard (2) surrounding them, and for forming the elements, cores are aligned on a paperboard sheet or web, which is provided with weakening lines (9) transverse to the direction of the row of cores, the weakening lines allowing, in accordance with the invention, a beam (3) assembled from paperboard and cores to be divided into shorter parts, i.e. to be provided as beam-like elements, by cutting the beam (3) along each weakening line. The weakening lines (9) consist e.g. of perforations (9) made in the paperboard (2), and then the elements (4) are separated from the beam (3) by an impact directed to the elements. The elements (4) can be assembled e.g. with a connecting covering plate to form a pallet, where the load is exerted on the elements in the axial direction of the cores (1).

IPC 8 full level

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Citation (search report)

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