

Title (en)

METHOD FOR SHAPING A FLAT WEB MATERIAL, AND DEVICE

Title (de)

VERFAHREN ZUR UMFORMUNG EINES FLACHBAHNMATERIALS UND VORRICHTUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FORMAGE D'UN MATÉRIAU SOUS FORME DE BANDE PLATE CONTINUE

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Application

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Abstract (en)

[origin: WO2015149954A1] The aim of the invention is to shape a flat web material (12) into a constant three-dimensional structure with a plurality of folds along differently oriented folding lines and with elevations and depressions. This is achieved in that the flat web material is inserted between a lower holding die (20b) and an upper holding die (20a), which are largely flat, consist of a flat material, and have pre-shaped bending lines that lie over one another in a precise manner when lying against the flat web material. A lower (30b) and an upper molding die (30a) are then guided thereto and brought into position, said molding dies consisting of a flat material with specified folding lines which oppose one another in a precise manner. The molding dies (30a, 30b) have a shape corresponding to the three-dimensional structure to be produced, and the molding die folding lines oriented towards the holding dies or pointing towards the holding dies match the bending lines of the holding dies, wherein the folding lines can lie against the holding dies.

IPC 8 full level

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