

Title (en)

METHOD AT THE MANUFACTURING OF A RECYCLABLE PRODUCT MATERIAL

Title (de)

VERFAHREN ZUM HERSTELLEN VON PRODUKTEN AUS WIEDERVERWERTBAREN MATERIALIEN

Title (fr)

PROCEDE DE FABRICATION D'UN PRODUIT FAIT D'UN MATERIAU RECYCLABLE

Publication

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Application

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Abstract (en)

[origin: WO9710935A1] The invention relates to a method for the manufacture of a recyclable product material in order to achieve a predetermined strength within a predetermined strain rate interval. The product material comprises at least one matrix material and at least one fibre material. The matrix and fibre materials are chosen so that the values of their moduli of elasticity (E_{ij}), moduli in shear (G_{ij}) and the Poisson's ratios (ν_{ij}) assume a discontinuous distribution of the said matrix and fibre material quantities within different volume elements of the product material. It is further intended that a display curve defining a continuous distribution of a fibre size of the product material should exhibit symmetry in different volume elements of the product material.

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