

Title (en)

A METHOD FOR PRODUCING SUSTAINABLE COMPOSITE MATERIALS DESIGNED FOR THE PRODUCTION OF ELEMENTS FOR STRUCTURAL OR NON-STRUCTURAL USE, AND THE MATERIAL OBTAINED

Title (de)

VERFAHREN ZUR HERSTELLUNG NACHHALTIGER VERBUNDWERKSTOFFE, DIE ZUR HERSTELLUNG VON ELEMENTEN ZUR STRUKTURELLEN ODER NICHTSTRUKTURELLEN ANWENDUNG AUSGELEGT SIND, UND ERHALTENES MATERIAL

Title (fr)

PROCÉDÉ DE PRODUCTION DE MATÉRIAUX COMPOSITES DURABLES CONÇUS POUR LA PRODUCTION D'ÉLÉMENTS DESTINÉS À UNE UTILISATION STRUCTURALE OU NON STRUCTURALE, ET MATÉRIAU AINSI OBTENU

Publication

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Application

EP 16763563 A 20160728

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Abstract (en)

[origin: WO2017025786A1] A method for the production of pre-compressed elements made of composite material, such as blocks, panels, prefabricated walls, beams, and slabs for structural or non-structural use in the building sector, comprising the following steps: providing an amount of a dry fibrous organic material (7); providing a first outer casing made of a heat-meltable bioplastic material (2) for containing the fibrous material for the formation of a composite material; providing a plurality of inner casings containing portions of said fibrous material; compressing the composite material comprising the fibrous material (7) and the outer and inner casings of plastic material; heating the composite material; and cooling the composite material.

IPC 8 full level

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