

Title (en)

PROCESS FOR MAKING A POSSIBLY FLAT SYNTHETIC RESIN MOULDED BLOCK AND PREFORM FOR USE IN SUCH A PROCESS

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Application

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Abstract (en)

[origin: WO9013403A1] In a process for making a synthetic resin moulded block from fibres containing cellulose like wood fibres and a condensation resin binder like phenolic resin, for the continuous production of a mould blank or plate, a layer (19) of the viscous binder is applied on a web-like conveyor (2), especially a paper impregnated with phenolic resin, and a fibrous mass is then applied to it in the form of a fibre cake (20). A second coated web of conveyor material (7) is then continuously laid upon the fibrous mass with the coating of binder (26) downwards, whereafter the laminated structure (27) thus obtained is heated and compressed in a heated strip press (10), whereby the binder is distributed generally uniformly on the porous volume of the laminated structure. After the compressed laminated structure (27') has cooled it is used as the preform for the production of high-pressure moulded blocks. In another embodiment of the process, the laminated structure may be directly converted into a synthetic resin moulded block by increasing the pressure, pressing temperature and the time in the strip press with the curing of the binder.

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