

Title (en)

PROCESS FOR PRODUCING PRESSURE FORMED SYNTHETIC RESIN BODIES.

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES KUNSTHARZ-DRUCKFORMKÖRPERS.

Title (fr)

PROCEDE DE FABRICATION D'UN CORPS EN RESINE SYNTHETIQUE FA ONNE PAR COMPRESSION.

Publication

EP 0585428 B1 19950830 (DE)

Application

EP 93905069 A 19930304

Priority

- AT 9300037 W 19930304
- AT 41392 A 19920304

Abstract (en)

[origin: WO9317845A1] A process for producing pressure formed synthetic resin bodies comprises (a) a pre-impregnation step and (b) an impregnation step. During (a), loose fibrous materials are intimately and uniformly mixed in the blow line (3) with a binder based on a condensation resin, then are dried in an overheated air flow (6) down to maximum 6 % residual humidity. During (b), the pre-impregnated wood fibres are loosely piled (10) on a conveyor band (12) and are then laminated on both sides with the release papers (25, 25') coated on one side with the binder based on condensation resin. The thus produced laminated structure (19) is continuously compressed at a higher temperature up to an average mean specific weight between 900 and 1200 kg/m³, so that the binder completely penetrates into the fibrous mass, where it is then hardened.

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