

Title (en)

A METHOD FOR THE THERMOMECHANICAL DENSIFICATION OF POPLAR PLYWOOD

Title (de)

VERFAHREN ZUR THERMOMECHANISCHEN VERDICHTUNG VON PAPPELSPERRHOLZ

Title (fr)

PROCÉDÉ DE DENSIFICATION THERMOMÉCANIQUE DE CONTREPLAQUÉ DE PEUPLIER

Publication

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Application

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Abstract (en)

[origin: EP3323573A1] The subject of the invention is a method of the thermomechanical densification of poplar plywood consisting of heating poplar plywood characterised by the fact that plywood of a moisture of 5-15% is subjected to is subjected to interval compression between the press plates, where the poplar plywood is heated to a temperature between 70° -105°C, and then compressed in 2-3 cycles under pressure of 5-20MPa, reducing the thickness of the plywood to 25-50% of its original thickness. Furthermore, the plywood obtained by the method according to the invention is characterized by relative deformations of 50%-75%

IPC 8 full level

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