

Title (en)

PROCESS FOR MANUFACTURING BUILDING PANELS OR OTHER ARTICLES FROM PLANT MATTER AND A PRODUCTION LINE FOR CARRYING OUT THE SAID PROCESS.

Title (de)

VERFAHREN ZUM HERSTELLEN VON GEBÄUDEPANEELN ODER ANDEREN GEGENSTÄNDEN AUS PFLANZENMATERIAL UND FLIESSBAND ZUR DURCHFÜHRUNG DIESES VERFAHRENS.

Title (fr)

PROCEDE DE PRODUCTION DE PANNEAUX DE CONSTRUCTION OU D'AUTRES ARTICLES A PARTIR D'UN MATERIAU VEGETAL ET CHAÎNE DE PRODUCTION DE MISE EN OEUVRE DUDIT PROCEDE.

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Application

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Abstract (en)

The process involves the following steps: humidification of the material through exposure to saturated steam; crushing; drying out during preliminary heating until thermoplasticity is attained while the material is being transported in a closed vessel; pressing in an extrusion press; and gradual cooling with preliminary seasoning in an insulated vessel. The production line comprises the following elements: a hopper (1); a device in the form of a steam pipe (2) for humidification; a crushing device (4); a means of transport (5) comprising two continuous conveyors (8 and 9) arranged in housings (10 and 11), in one of which water is removed from the material, while the other is used for drying and heating until thermal plasticity is attained; and an extrusion press (24) including a heating zone, a neutral zone and a cooling zone. <IMAGE>

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IPC 8 full level

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