

Title (en)
METHOD FOR PRODUCING A PANEL FROM SECONDARY RAW MATERIALS, PANEL FORMED FROM SECONDARY RAW MATERIALS, AND
PANEL FORMED FROM SECONDARY RAW MATERIALS PRODUCED BY THIS METHOD

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER PLATTE AUS SEKUNDÄRROHSTOFFEN, PLATTE AUS SEKUNDÄRROHSTOFFEN UND NACH
DIESEM VERFAHREN HERGESTELLTE PLATTE AUS SEKUNDÄRROHSTOFFEN

Title (fr)
PROCÉDÉ DE PRODUCTION D'UN PANNEAU À PARTIR DE MATIÈRES PREMIÈRES SECONDAIRES, PANNEAU FORMÉ À PARTIR DE
MATIÈRES PREMIÈRES SECONDAIRES, ET PANNEAU FORMÉ À PARTIR DE MATIÈRES PREMIÈRES SECONDAIRES PRODUIT PAR LEDIT
PROCÉDÉ

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Abstract (en)
[origin: WO2022012733A1] The invention relates to a method for producing a panel (20) from secondary raw materials, in particular from a ground material consisting of comminuted and ground polyurethane foam residues and optionally further solid auxiliaries. To perform the method, a mixture of ground material, isocyanate, water and optionally further liquid or pourable additives is pressed under high pressure and elevated temperature to form a panel. The mixture is continuously fed here in the form of a bulk material, uniformly distributed in width and thickness, to a press nip of a double-belt press (10) formed of endless belts running in parallel. As it passes through the double-belt press (10) the fed bulk material is subjected to a defined pressure perpendicular to the parallel endless belts and to an elevated temperature so as to form a hot endless panel at the discharge from the double-belt press (10). To protect the metallic surfaces of the endless belts from sticking, a separation layer is introduced during the pressing process of the double-belt press (10) between the metallic surfaces of the endless belts and the bulk material.

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