

Title (en)

METHOD OF MANUFACTURING POLYURETHANE MATERIALS FROM REACTIVE POLYOLS AND POLYOLS OBTAINABLE FROM WASTE AFTER PROCESSING WOOD OR WOOD-LIKE WASTE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON POLYURETHANWERKSTOFFEN AUS REAKTIVEN POLYOLEN UND POLYOLEN AUS ABFÄLLEN NACH DER VERARBEITUNG VON HOLZ ODER HOLZÄHNLICHEM ABFALL

Title (fr)

PROCÉDÉ DE FABRICATION DE MATÉRIAUX DE POLYURÉTHANE À PARTIR DE POLYOLS RÉACTIFS ET DE POLYOLS OBTENUS DE DÉCHETS APRÈS TRAITEMENT DU BOIS OU DE DÉCHETS DU TYPE BOIS

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Application

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Abstract (en)

[origin: WO2021182980A1] The invention relates to a process for the production of new polyurethane materials from polyols and wood waste and / or wood-like waste. This method is characterized by the use of polyol synthesized from wood waste and / or wood-like waste polyols or petrochemical polyols are used. A polyol mixture is prepared by mixing 1-100 parts by mass of polyols obtained from wood waste and/or 1-100 parts by mass of polyols obtained from wood-like waste and/or 1-100 parts by mass of petrochemical oligomerols and 0.01-10 parts by mass catalysts. Moreover, surfactants, anti-foaming agents, blowing agents and milled waste after wood processing or milled wood-like waste can be used. The resulting polyol mixture is then mixed with the isocyanate in an NCO / OH molar ratio ranging from 0.5 to 4.

IPC 8 full level

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