

Title (en)
LIGNOCELLULOSE MATERIALS COMPRISING EXPANDED PLASTIC PARTICLES NON-HOMOGENEOUSLY DISTRIBUTED IN THE CORE

Title (de)
LIGNOCELLULOSEWERKSTOFFE MIT INHOMOGEN IM KERN VERTEILT VORLIEGENDEN EXPANDIERTEN KUNSTSTOFFTEILCHEN

Title (fr)
MATÉRIAUX LIGNOCELLULOSIQUES COMPRENANT DES PARTICULES DE MATIÈRE PLASTIQUE EXPANSÉES RÉPARTIES DE FAÇON NON HOMOGÈNE DANS LE NOYAU

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Abstract (en)
[origin: WO2013092817A1] Materials which contain lignocellulose, have a core and two covering layers, and contain, in the core, A) 30 to 98 wt. % lignocellulose particles, B) 1 to 25 wt. % expanded plastic particles having a bulk density in the range of 10 to 150 kg/m³, C) 1 to 50 wt. % of one or more binding agents selected from the group consisting of amino resin, phenolic resin and organic isocyanate comprising at least two isocyanate groups, and D) 0 to 10 wt. % additives, and, in the covering layers, E) 70 to 99 wt. % lignocellulose particles, F) 1 to 30 wt. % of one or more binding agents selected from the group consisting of amino resin, phenol formaldehyde resin and organic isocyanate comprising at least two isocyanate groups, and G) 0 to 10 wt. % additives. The lignocellulose particles of the covering layers E contain at least 25 wt. % lignocellulose-containing chips, and the expanded plastic particles B are non-homogeneously distributed in the core.

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