

Title (en)

LIGNOCELLULOSE MATERIALS HAVING GOOD MECHANICAL PROPERTIES

Title (de)

LIGNOCELLULOSEWERKSTOFFE MIT GUTEN MECHANISCHEN EIGENSCHAFTEN

Title (fr)

MATÉRIAUX LIGNOCELLULOSIQUES AYANT DE BONNES PROPRIÉTÉS MÉCANIQUES

Publication

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Application

EP 11707371 A 20110222

Priority

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Abstract (en)

[origin: WO2011107365A1] Process for producing a lignocellulosic substance, in which, based in each case on the lignocellulosic substance: A) 30% to 95% by weight of lignocellulose particles; B) 1% to 25% by weight of expanded plastics particles having a bulk density in the range from 10 to 150 kg/m³; C) 1% to 50% by weight of a binder selected from the group consisting of aminoplast resin, phenol-formaldehyde resin and organic isocyanate having at least two isocyanate groups, and optionally D) additives are mixed and are then pressed at elevated temperature and under elevated pressure, characterized in that component B) comprises a formaldehyde scavenger.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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