

Title (en)  
LIGNOCELLULOSE MATERIALS HAVING GOOD MECHANICAL PROPERTIES

Title (de)  
LIGNOCELLULOSE MATERIALIEN MIT GUTEN MECHANISCHEN EIGENSCHAFTEN

Title (fr)  
MATÉRIAUX LIGNOCELLULOSIQUES PRÉSENTANT DES PROPRIÉTÉS MÉCANIQUES SATISFAISANTES

Publication  
**EP 2542625 A1 20130109 (EN)**

Application  
**EP 11750260 A 20110221**

Priority  
• EP 10155516 A 20100304  
• IB 2011050701 W 20110221  
• EP 11750260 A 20110221

Abstract (en)  
[origin: WO2011107900A1] A process for the production of a lignocellulose-containing material, in which, based in each case on the lignocellulose-containing material: A) from 30 to 95% by weight of lignocellulose particles; B) from 1 to 25% by weight of expanded plastic particles having a bulk density in the range from 10 to 150 kg/m<sup>3</sup>; C) from 1 to 50% by weight of a binder selected from the group consisting of amino- plast 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, wherein the component B) comprises a curing agent for the component C).

IPC 8 full level  
**C08L 97/02** (2006.01); **B27N 3/00** (2006.01)

CPC (source: EP)  
**B27N 3/005** (2013.01); **C08G 18/6492** (2013.01); **C08G 18/7664** (2013.01); **C08L 97/02** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011107900 A1 20110909**; EP 2542625 A1 20130109; EP 2542625 A4 20131023

DOCDB simple family (application)  
**IB 2011050701 W 20110221**; EP 11750260 A 20110221