

Title (en)  
Lightweight wooden material

Title (de)  
Leichte Holzwerkstoffe

Title (fr)  
Materiau léger a base de bois

Publication  
**EP 1914052 B1 20170628 (DE)**

Application  
**EP 06122557 A 20061019**

Priority  
EP 06122557 A 20061019

Abstract (en)  
[origin: EP1914052A1] Light, wood-containing material (I) with an average density of 200-600 kg/m<sup>3</sup>, comprises wood particles (a) (30-95 wt. %); fillers (b) (1-25 wt.%) with a bulk density of 10-150 kg/m<sup>3</sup>, from foamable plastic particles and plastic particles that are already foamed; binders (c) (0.1-50 wt.%); and optionally additives (d), where (b) contains foaming plastic particles (1-100 wt.%) gained by comminution from molds. Independent claims are included for: (1) a multilayer wood material, comprising at least three layers, where only middle layer or at least one part of the middle layer contains (I), and the external surface layer does not contain fillers; and (2) a preparation of (I) comprising mixing the components (a-d), and subsequently pressing under increased temperature and pressure.

IPC 8 full level  
**B27N 3/00** (2006.01)

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