

Title (en)

Composite wood board and method for producing same

Title (de)

Holzwerkstoffplatte sowie ein Verfahren zum Herstellen einer Holzwerkstoffplatte

Title (fr)

Plaque en matériau dérivé du bois et procédé de fabrication d'une plaque en matériau dérivé du bois

Publication

**EP 2223786 A1 20100901 (DE)**

Application

**EP 09002727 A 20090226**

Priority

EP 09002727 A 20090226

Abstract (en)

The board has a middle layer made of a mixture of derived timber material i.e. wood chips or wood fibers (2), and foamed natural material (4) i.e. foamed plastic. The foamed natural material is selected from corn, rice, wheat or a mixture of corn, rice and wheat. The derived timber material of the middle layer exhibits smaller density than derived timber material of an outer layer. The middle layer includes filament-like reinforcing fibers (5), which are made of carbon or glass fibers. The middle layer includes latent heat storage units to increase heat storage capacity. An independent claim is also included for a method for manufacturing a derived timber material board consisting of three layers.

Abstract (de)

Eine Holzwerkstoffplatte mit mindestens drei Schichten aus einem Holzwerkstoff, deren wenigstens eine mittlere Schicht aus einem Gemisch aus Holzwerkstoff und einem geschäumten Kunststoff besteht, zeichnet sich dadurch aus, dass die mittlere Schicht zusätzlich mindestens einen geschäumten natürlichen Werkstoff aufweist.

IPC 8 full level

**B27N 3/00** (2006.01); **B27N 3/04** (2006.01)

CPC (source: EP US)

**B27N 3/005** (2013.01 - EP US); **B27N 3/04** (2013.01 - EP US); **Y10T 428/24992** (2015.01 - EP US); **Y10T 428/249953** (2015.04 - EP US); **Y10T 428/249986** (2015.04 - EP US)

Citation (applicant)

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DOCDB simple family (publication)

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