

Title (en)

Method and device for producing a wood-based object

Title (de)

Verfahren und Vorrichtung zur Herstellung eines Holzwerkstoffkörpers

Title (fr)

Procédé et dispositif pour produire un objet en matériau dérivé du bois

Publication

EP 1623807 B2 20160601 (DE)

Application

EP 05012813 A 20050615

Priority

DE 102004038543 A 20040806

Abstract (en)

[origin: EP1623807A1] The method involves chipping timber into wood chips, breaking up thread-like fiber material into individual fibres, and distributing the fibers in the wood chips. A binder is applied at least to the wood chips, and a chip cake is formed. The cake is pressed to form a wooden body or part of a wooden body. The fiber is typically glass, carbon, plastics, metal, cellulose, hemp, flax, jute, coconut fiber etc. (not claimed). An independent claim is included for the use of a fiber spray head with a cutting device for breaking up fiber material.

IPC 8 full level

B27N 3/00 (2006.01); **B27N 1/00** (2006.01)

CPC (source: EP)

B27N 1/00 (2013.01); **B27N 3/00** (2013.01)

Citation (opposition)

Opponent :

- EP 0771259 B1 20030806 - KRAUSS MAFFEI KUNSTSTOFFTECH [DE]
- US 5002713 A 19910326 - PALARDY ROBERT D [US], et al
- US 4528154 A 19850709 - NGUYEN TINH [US], et al
- Wikipedia Ausdruck "Roving" vom 02.12.2009

Cited by

EP2939807A1; US9993940B2; US10328602B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1623807 A1 20060208; EP 1623807 B1 20090311; EP 1623807 B2 20160601; AT E424980 T1 20090315; DE 102004038543 A1 20060316; DE 102004038543 B4 20081009; DE 502005006792 D1 20090423; ES 2321413 T3 20090605; ES 2321413 T5 20161107; PL 1623807 T3 20090831; PL 1623807 T5 20170731; PT 1623807 E 20090423

DOCDB simple family (application)

EP 05012813 A 20050615; AT 05012813 T 20050615; DE 102004038543 A 20040806; DE 502005006792 T 20050615; ES 05012813 T 20050615; PL 05012813 T 20050615; PT 05012813 T 20050615