

Title (en)

Board manufactured with two layers and material between them

Title (de)

Platte geformt mit zwei Schichten und Werkstoff dazwischen

Title (fr)

Plaque mise en forme comprenant deux couches et un matériau entre les deux couches

Publication

EP 2113350 A1 20091104 (DE)

Application

EP 09005897 A 20090428

Priority

EP 09005897 A 20090428

Abstract (en)

The material has a bonding agent (20) provided at a surface of grains (30) e.g. maize, of granulates. The bonding agent at a portion of fibers (10) is bonded to the surface of coated grains (31) of the granulates. The grains exhibit a porous base material, where pores of the base material are filled with gas or air. Medium density of the grains lies in a range from 0.01 to 2 kilogram per liter, and medium diameter of grain size of the grains lies in a range from 0.5 to 50 millimeter. Medium length of the fibers lies in a range from 100 micrometer to 50 millimeter. Independent claims are also included for the following: (1) a plate or molded part comprising a material (2) a method for manufacturing a material.

Abstract (de)

Es wird ein Werkstoff bereitgestellt, der Körner eines Granulats, Fasern und ein Bindemittel umfasst, wobei das Bindemittel einen Teil der Fasern an die Oberfläche der Körner des Granulats bindet.

IPC 8 full level

B27N 3/00 (2006.01); **B27N 1/00** (2006.01); **B27N 3/02** (2006.01)

CPC (source: EP)

B27N 1/00 (2013.01); **B27N 3/02** (2013.01)

Citation (search report)

- [X] AU 2005200282 A1 20050901 - LIQUID PLASTICS CO PTY LTD
- [X] GB 659731 A 19511024 - ALFRED MAURICIO MONATH
- [X] DE 2263964 A1 19740704 - B MAIER KG 4812 MASCHF
- [X] JP 2008215061 A 20080918 - EZ BRIGHT CORP, et al
- [X] EP 1207572 A1 20020522 - SUGNAUX CONSULTING DR [CH]
- [A] GB 907697 A 19621010 - FRED FAHRNI
- [A] US 4323314 A 19820406 - KAISER-WIRZ MAX

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

EP 2113350 A1 20091104; **EP 2113350 B1 20190116**; ES 2718473 T3 20190702; PL 2113350 T3 20190731; PT 2113350 T 20190418

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