

Title (en)

NATURAL FIBER AND RESIN COMPOSITE MATERIAL

Title (de)

NATURFASER UND HARZVERBUNDSTOFF

Title (fr)

MATERIAU COMPOSITE A BASE DE FIBRES ET DE RESINE NATURELLES

Publication

EP 2448733 A1 20120509 (FR)

Application

EP 10745371 A 20100629

Priority

- FR 2010051360 W 20100629
- FR 0903233 A 20090701

Abstract (en)

[origin: WO2011001105A1] The invention relates to a natural composite including a non-woven fabric reinforcement made of natural fibers and a natural matrix selected from among mixtures of tannins and lignin pre-reacted with a low molecular-weight aldehyde, the resin being between 20 and 50 wt % of the total weight of the composite.

IPC 8 full level

B27N 3/12 (2006.01)

CPC (source: EP)

B27N 3/12 (2013.01)

Citation (search report)

See references of WO 2011001105A1

Cited by

WO2018047047A1

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011001105 A1 20110106; EP 2448733 A1 20120509; EP 2448733 B1 20130605; FR 2947572 A1 20110107; FR 2947572 B1 20110826

DOCDB simple family (application)

FR 2010051360 W 20100629; EP 10745371 A 20100629; FR 0903233 A 20090701