

Title (en)

Honeycomb structure based on lignocellulosic materials and process for producing the same

Title (de)

Wabenstruktur auf der Basis von Lignocellulosematerialien und Herstellungsverfahren dafür

Title (fr)

Structure en nids d'abeille basée sur des matériaux ligno-cellulosiques et son processus de production

Publication

**EP 1944413 A1 20080716 (EN)**

Application

**EP 07075034 A 20070112**

Priority

EP 07075034 A 20070112

Abstract (en)

The invention relates to honeycomb structures based on lignocellulosic materials and processes for producing these structures. In accordance with the invention there is provided a lignocellulosic structure comprising a thin layer comprising SiO<sub>2</sub> on at least part of its surface. A process of the invention involves contacting a lignocellulosic material, preferably in a continuous fashion, with a SiO<sub>2</sub> precursor.

IPC 8 full level

**D21H 19/40** (2006.01); **D21H 27/40** (2006.01)

CPC (source: EP)

**D21H 19/40** (2013.01); **D21H 27/40** (2013.01)

Citation (search report)

- [X] EP 1130161 A1 20010905 - PROFLUTE AB [SE]
- [X] US 6066379 A 20000523 - MA TUNG CHAN [US], et al
- [A] US 5254195 A 19931019 - TSENG PEN C [TW], et al

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1944413 A1 20080716**; CN 101627162 A 20100113; EP 2106485 A1 20091007; EP 2106485 B1 20130515; EP 2479343 A1 20120725; EP 2479343 B1 20130724; WO 2008085054 A1 20080717

DOCDB simple family (application)

**EP 07075034 A 20070112**; CN 200880002206 A 20080114; EP 08705093 A 20080114; EP 12164779 A 20080114; NL 2008050024 W 20080114