Title (en)
Use of popcorn for wood and compound materials

Title (de)
Verwendung von Popcorn für Holz- und Verbundwerkstoffe

Title (fr)
Utilisation de popcorn dans des matières premières dérivées du bois et composites

Publication
EP 2439031 A1 20120411 (DE)

Application
EP 11191160 A 20071002

Previously filed application
PCT/EP2007/060485 20071002 WO

Priority
• EP 07820865 A 20071002
• DE 102006047279 A 20061004

Abstract (en)
The use of popcorn as a structure-enhancing and dimensional stabilizing material for molded products comprising lignocelluloses, such as wood and/or composite material, and as a binder for formaldehyde in wood and/or composite materials.

Abstract (de)
Die Erfindung betrifft die Verwendung von Popcorn als Formaldehydfänger in Holzwerkstoffen, insbesondere Span- und Faserplatten, bei denen formaldehydhaltige Bindemittel verwendet werden.

IPC 8 full level
B27N 3/00 (2006.01)

CPC (source: EP US)
B27N 3/00 (2013.01 - EP US); Y10T 428/253 (2015.01 - EP US); Y10T 428/268 (2015.01 - EP US); Y10T 428/31971 (2015.04 - EP US); Y10T 428/31982 (2015.04 - EP US); Y10T 428/31986 (2015.04 - EP US); Y10T 428/31989 (2015.04 - EP US)

Citation (search report)
• [XYI] US 4992519 A 19910212 - MUKHERJEE SUBHANKAR [BR]
• [Y] US 5300333 A 19940405 - WILKERSON C WILLIAM [US], et al
• [A] EP 1318000 A2 20030611 - IHD INST FUER HOLZTECHNOLOGIE [DE]
• [A] GB 2366853 A 20020320 - ATKINSON NEVILLE FORSTER [GB]
• [A] JP H05329810 A 19931214 - SHINWA IND

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006047279 A1 20080410; AR 063116 A1 20081230; CA 2666052 A1 20080410; CA 2666052 C 20120417; CL 2007002870 A1 20080118; EA 013664 B1 20100630; EA 200900468 A1 20091230; EP 2081743 A2 20090729; EP 2081743 B1 20131211; EP 2439031 A1 20120411; ES 2446093 T3 20140306; NO 20091732 L 20090703; PL 2081743 T3 20141128; PT 2081743 E 20140217; SI 2081743 T1 20140331; US 2010112339 A1 20100506; US 2012196120 A1 20120802; US 8168303 B2 20120501; US 8568895 B2 20131029; WO 2008040747 A2 20080410; WO 2008040747 A3 20080612

DOCDB simple family (application)
DE 102006047279 A 20061004; AR P070104383 A 20071003; CA 2666052 A 20071002; CL 2007002870 A 20071004; EA 200900468 A 20071002; EP 07820865 A 20071002; EP 11191160 A 20071002; EP 2007060485 W 20071002; ES 07820865 T 20071002; NO 20091732 A 20090430; PL 07820865 T 20071002; PT 07820865 T 20071002; SI 200731407 T 20071002; US 201213446131 A 20120413; US 44451307 A 20071002