

Title (en)
METHOD FOR THE CONTINUOUS COATING OF A CELLULOSE-BASED FIBROUS SUBSTRATE WEB WITH FATTY ACID CHLORIDE

Title (de)
VERFAHREN ZUR KONTINUIERLICHEN BESCHICHTUNG EINER CELLULOSE-BASIERTEN FASERSTOFFSUBSTRATBAHN MIT FETTSÄURECHLORID

Title (fr)
PROCÉDÉ DE REVÊTEMENT EN CONTINU D'UNE BANDE DE SUBSTRAT FIBREUX À BASE DE CELLULOSE AVEC DU CHLORURE D'ACIDE GRAS

Publication
EP 3177408 B1 20200429 (DE)

Application
EP 15829002 A 20150806

Priority
• EP 14180103 A 20140806
• IB 2015055961 W 20150806

Abstract (en)
[origin: WO2016020866A1] A process for continuously coating a cellulose-based fibrous substrate web with a fatty acid chloride, comprising the steps of a) predrying a cellulose-based fibrous substrate web to an EN ISO 638:2008 dry matter content of less than 10%; b) coating the cellulose-based fibrous substrate web predried in step a) with a liquid fatty acid chloride composition at a DIN EN 20187 relative humidity of less than 20rh and a temperature below the boiling temperature of the liquid fatty acid chloride composition; c) thermally treating the coated cellulose-based fibrous substrate web obtained from step b).

IPC 8 full level
D21H 25/02 (2006.01); **B05D 3/02** (2006.01); **B05D 3/04** (2006.01); **B41F 23/00** (2006.01); **B65D 65/42** (2006.01); **D21F 5/00** (2006.01); **D21H 17/11** (2006.01); **D21H 17/14** (2006.01); **D21H 19/14** (2006.01); **D21H 21/16** (2006.01); **D21H 23/22** (2006.01); **D21H 25/04** (2006.01); **D21H 27/00** (2006.01); **D21H 27/08** (2006.01); **D21H 27/10** (2006.01)

CPC (source: EP KR US)
B05C 9/12 (2013.01 - KR); **B05D 3/0254** (2013.01 - US); **B05D 3/0406** (2013.01 - US); **D21H 17/11** (2013.01 - EP KR US); **D21H 17/14** (2013.01 - EP KR US); **D21H 19/14** (2013.01 - EP KR US); **D21H 21/16** (2013.01 - EP KR US); **D21H 23/22** (2013.01 - EP KR US); **D21H 25/02** (2013.01 - EP KR US); **D21H 25/04** (2013.01 - EP KR US); **D21H 27/002** (2013.01 - EP KR US); **D21H 27/08** (2013.01 - EP KR US); **D21H 27/10** (2013.01 - EP KR US)

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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2016020866 A1 20160211; BR 112017002040 A2 20171226; BR 112017002040 B1 20220405; CN 106573268 A 20170419; CN 106573268 B 20191119; EP 3177408 A1 20170614; EP 3177408 A4 20180411; EP 3177408 B1 20200429; ES 2808674 T3 20210301; JP 2017530855 A 20171019; JP 6636501 B2 20200129; KR 102193503 B1 20201222; KR 20170039179 A 20170410; MX 2017001636 A 20170901; PH 12017500194 A1 20170628; PH 12017500194 B1 20170628; PL 3177408 T3 20201102; PT 3177408 T 20200724; US 2017241080 A1 20170824

DOCDB simple family (application)
IB 2015055961 W 20150806; BR 112017002040 A 20150806; CN 201580040667 A 20150806; EP 15829002 A 20150806; ES 15829002 T 20150806; JP 2017506407 A 20150806; KR 20177003076 A 20150806; MX 2017001636 A 20150806; PH 12017500194 A 20170201; PL 15829002 T 20150806; PT 15829002 T 20150806; US 201515501508 A 20150806