

Title (en)

PAPER COATING COMPOSITION AND PROCESSES OF MAKING THEREOF

Title (de)

PAPIERBESCHICHTUNGSZUSAMMENSETZUNG UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

COMPOSITION DE REVÊTEMENT DE PAPIER ET PROCESSUS DE FABRICATION CORRESPONDANTS

Publication

EP 3430201 A1 20190123 (EN)

Application

EP 16893934 A 20160318

Priority

CN 2016076724 W 20160318

Abstract (en)

[origin: WO2017156769A1] A novel coating composition comprises an aqueous dispersion of a binder#pigment#starch#and a hydrophobically modified alkali-swellable emulsion which comprises structural units of a carboxylic acid monomer, an acrylate monomer, and a polyethoxylated aralkyl phenol methacrylate. This novel coating composition provides improved thickening efficiency.

IPC 8 full level

D21H 21/00 (2006.01); **C08F 212/04** (2006.01); **C08F 220/00** (2006.01); **D21H 19/36** (2006.01)

CPC (source: EP KR)

C08F 220/00 (2013.01 - KR); **C08L 3/02** (2013.01 - KR); **C09D 7/61** (2017.12 - KR); **C09D 7/65** (2017.12 - KR); **C09D 125/10** (2013.01 - EP KR); **C09D 125/14** (2013.01 - EP KR); **C09D 133/00** (2013.01 - KR); **D21H 19/36** (2013.01 - EP KR); **D21H 21/00** (2013.01 - EP KR)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017156769 A1 20170921; AU 2016397589 A1 20181025; BR 112018068713 A2 20190122; CA 3017981 A1 20170921; CN 108779608 A 20181109; EP 3430201 A1 20190123; EP 3430201 A4 20191030; JP 2019513194 A 20190523; KR 20180126485 A 20181127; MX 2018011266 A 20190213

DOCDB simple family (application)

CN 2016076724 W 20160318; AU 2016397589 A 20160318; BR 112018068713 A 20160318; CA 3017981 A 20160318; CN 201680083682 A 20160318; EP 16893934 A 20160318; JP 2018549263 A 20160318; KR 20187027431 A 20160318; MX 2018011266 A 20160318