

Title (en)

A PROCESS FOR THE PRODUCTION OF A SUBSTRATE COMPRISING SILICA PIGMENTS WHICH IS FORMED ON THE SURFACE OF THE SUBSTRATE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES AUF DER OBERFLÄCHE EINES ANDEREN SUBSTRATS GEFORMTEN SUBSTRATS AUS SILICIUMPIGMENTEN

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN SUBSTRAT COMPRENANT DES PIGMENTS DE SILICE FORMÉS SUR LA SURFACE DU SUBSTRAT

Publication

**EP 2486189 B1 20141210 (EN)**

Application

**EP 10822323 A 20101005**

Priority

- SE 0950745 A 20091009
- SE 2010051074 W 20101005

Abstract (en)

[origin: WO2011043725A1] The present invention relates to a process for the production of a substrate wherein the process comprises, providing a substrate comprising cellulosic fibers, applying a solution comprising water soluble silicate to the surface of the substrate, treating the substrate so that the water soluble silicate is polymerized forming silica pigments on the surface of the substrate and the substrate is thereafter dried. The invention further relates to a substrate produced according to the process.

IPC 8 full level

**D21H 19/32** (2006.01); **D21H 17/13** (2006.01); **D21H 17/68** (2006.01); **D21H 17/70** (2006.01)

CPC (source: EP SE)

**D21H 17/68** (2013.01 - SE); **D21H 17/70** (2013.01 - EP); **D21H 19/32** (2013.01 - EP SE); **D21H 19/40** (2013.01 - EP); **D21H 17/68** (2013.01 - EP)

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 2011043725 A1 20110414**; BR 112012008197 A2 20160412; CN 102686801 A 20120919; CN 102686801 B 20150701; EP 2486189 A1 20120815; EP 2486189 A4 20140122; EP 2486189 B1 20141210; PT 2486189 E 20150309; SE 0950745 A1 20110410; SE 534210 C2 20110531

DOCDB simple family (application)

**SE 2010051074 W 20101005**; BR 112012008197 A 20101005; CN 201080056008 A 20101005; EP 10822323 A 20101005; PT 10822323 T 20101005; SE 0950745 A 20091009