

Title (en)
Coating material for fibrous compounds

Title (de)
Beschichtungsstoff für Faserverbund

Title (fr)
Matière de revêtement pour composite fibreux

Publication
EP 2325389 B1 20160810 (DE)

Application
EP 10190836 A 20101111

Priority
DE 102009052754 A 20091112

Abstract (en)
[origin: EP2325389A1] Use of silicon dioxide-containing solid or a composition containing the solid as pigment or coating color for coating paper surfaces, is claimed, where the solid is present as an amorphous, non-crystalline solids and the solid or the composition produces paper with high gloss, high smoothness, high porosity, high opacity and high paper volume with low calender pressure or no calendering. Independent claims are included for: (1) making paper with high gloss, high smoothness, high porosity, high opacity and high paper volume, comprising applying the solid or the composition as a coating color on the paper and further processing the paper with low calender pressure or no calendering; and (2) a paper with a high gloss, high smoothness, high porosity, high opacity and high paper volume, obtained by the above process, where the paper comprises a surface coating, which includes the solid or the composition.

IPC 8 full level
D21H 19/40 (2006.01)

CPC (source: EP)
D21H 19/40 (2013.01)

Cited by
FR3021251A1

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)
EP 2325389 A1 20110525; EP 2325389 B1 20160810

DOCDB simple family (application)
EP 10190836 A 20101111