

Title (en)

Paper coating composition comprising void latex particles and calcium carbonate

Title (de)

Papierbeschichtungszusammensetzung mit Hohlraumlatexteilchen und Calciumcarbonat

Title (fr)

Composition de revêtement de papier comprenant des particules de latex de vide et du carbonate de calcium

Publication

**EP 2930266 A1 20151014 (EN)**

Application

**EP 14305517 A 20140409**

Priority

EP 14305517 A 20140409

Abstract (en)

The present invention relates to paper coating pigments. More particularly, the present invention relates to a paper coating composition comprising plastic pigments and calcium carbonate, to methods for preparing the composition, to the use of the composition in paper coating, and to coated paper prepared with the said composition.

IPC 8 full level

**D21H 17/00** (2006.01); **D21H 19/38** (2006.01); **D21H 19/42** (2006.01); **D21H 19/84** (2006.01); **D21H 21/52** (2006.01)

CPC (source: EP)

**D21H 17/74** (2013.01); **D21H 19/385** (2013.01); **D21H 19/42** (2013.01); **D21H 19/84** (2013.01); **D21H 21/52** (2013.01)

Citation (applicant)

- US 7758690 B2 20100720 - NUTBEEM CHRISTOPHER [GB], et al
- WO 0059841 A1 20001012 - IMERYS PIGMENTS INC [US], et al
- WO 2011124958 A1 20111013 - COATEX SAS [FR], et al
- US 4427836 A 19840124 - KOWALSKI ALEXANDER [US], et al
- US 4468498 A 19840828 - KOWALSKI ALEXANDER [US], et al
- US 4594363 A 19860610 - BLANKENSHIP ROBERT M [US], et al
- US 4880842 A 19891114 - KOWALSKI ALEXANDER [US], et al
- US 4920160 A 19900424 - CHIP GERALD K [CA], et al
- US 4985469 A 19910115 - CHIP GERALD K [CA], et al
- US 5216044 A 19930601 - HOSHINO FUTOSHI [JP], et al
- US 5229209 A 19930720 - GHARAPETIAN HRIRE [CA], et al
- US 5273824 A 19931228 - HOSHINO FUTOSHI [JP], et al

Citation (search report)

- [I] US 5157084 A 19921020 - LEE DO I [US], et al
- [A] EP 1577438 A1 20050921 - JSR CORP [JP]

Cited by

WO2018200665A1; US11753556B2

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)

**EP 2930266 A1 20151014**; WO 2015157357 A1 20151015

DOCDB simple family (application)

**EP 14305517 A 20140409**; US 2015024815 W 20150408