

Title (en)  
PAPER CONTAINING SCALENOEDRIC PRECIPITATED CALCIUM CARBONATE (S PCC)

Title (de)  
SKALENOEDRISCHES PRÄZIPITIERTES CALCIUMCARBONAT (S-PCC) ENTHALTENDES PAPIER

Title (fr)  
PAPIER CONTENANT DU CARBONATE DE CALCIUM (S-PCC) PRECIPITE A NON-ECHELLE

Publication  
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Application  
**EP 16172231 A 20160531**

Priority  
EP 16172231 A 20160531

Abstract (en)  
[origin: WO2017207635A1] The invention relates to paper containing scalenohedral precipitated calcium carbonate (s-pcc) with a determined specification. The invention also relates to the use of a s-PCC with a given specification as a filler for paper.

Abstract (de)  
Die Erfindung betrifft Papier, das skaleonedrisches präzipitiertes Calciumcarbonat (s-PCC) einer bestimmten Spezifikation enthält. Ferner betrifft die Erfindung die Verwendung eines s-PCC mit einer bestimmten Spezifikation als Füllstoff für Papier.

IPC 8 full level  
**D21H 17/67** (2006.01); **D21H 19/38** (2006.01); **D21H 21/52** (2006.01)

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**D21H 17/675** (2013.01 - EP KR US); **D21H 19/385** (2013.01 - EP KR US); **D21H 21/52** (2013.01 - EP KR US)

Citation (applicant)

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- EP 1222146 B1 20040818 - SOLVAY SODA DEUTSCHLAND GMBH [DE]
- EP 1712597 A1 20061018 - OMYA DEVELOPMENT AG [CH]
- LAUT GERNOT KRAMMER ET AL., PART. PART. SYST. CHARACT., vol. 19, 2002, pages 348 - 353
- FENG ET AL.: "Effect of various factors on the particle size of calcium carbonate formed in a precipitation process", MATERIALS SCIENCE AND ENGINEERING A, vol. 445- 446, 2007, pages 170 - 179, XP005821990, DOI: doi:10.1016/j.msea.2006.09.010
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Citation (search report)

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- [A] WO 2013142473 A1 20130926 - OMYA DEVELOPMENT AG [CH], et al
- [A] FENG ET AL: "Effect of various factors on the particle size of calcium carbonate formed in a precipitation process", MATERIALS SCIENCE AND ENGINEERING A: STRUCTURAL MATERIALS: PROPERTIES, MICROSTRUCTURES AND PROCESSING, ELSEVIER BV, NL, vol. 445-446, 18 January 2007 (2007-01-18), pages 170 - 179, XP005821990, ISSN: 0921-5093, DOI: 10.1016/j.msea.2006.09.010

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**EP 16172231 A 20160531; CN 201780033706 A 20170531; EP 17725996 A 20170531; EP 2017063168 W 20170531; KR 20187038155 A 20170531; SI 201630449 T 20160531; US 201816204776 A 20181129**