

Title (en)

FILLER-CONTAINING PAPER AND A METHOD FOR THE PRODUCTION OF FILLER-CONTAINING PAPER

Title (de)

FÜLLSTOFFHALTIGES PAPIER UND VERFAHREN ZUR HERSTELLUNG VON FÜLLSTOFFHALTIGEM PAPIER

Title (fr)

PAPIER CONTENANT UNE CHARGE ET SA METHODE DE PRODUCTION

Publication

**EP 1702108 B1 20100407 (EN)**

Application

**EP 04801212 A 20041208**

Priority

- EP 2004013937 W 20041208
- JP 2003412161 A 20031210

Abstract (en)

[origin: US2007107864A1] Filler-containing paper wherein it contains the following component (A) and the following component (B) and, furthermore, the ash content of the paper is 3-40 wt %. (A) Polymer obtained by 20 to 100% hydrolysis of the total formyl groups in a polymer having at least N-vinylformamide as a polymerization component (B) Titanium dioxide and/or calcium carbonate.

IPC 8 full level

**D21H 17/46** (2006.01); **D21H 21/10** (2006.01); **A24D 1/02** (2006.01); **D21H 17/45** (2006.01); **D21H 17/55** (2006.01); **D21H 17/56** (2006.01); **D21H 17/67** (2006.01); **D21H 17/68** (2006.01); **D21H 17/37** (2006.01)

CPC (source: EP US)

**A24D 1/02** (2013.01 - EP US); **D21H 17/45** (2013.01 - EP US); **D21H 17/55** (2013.01 - EP US); **D21H 17/56** (2013.01 - EP US); **D21H 17/675** (2013.01 - EP US); **D21H 17/68** (2013.01 - EP US); **D21H 21/10** (2013.01 - EP US); **D21H 17/375** (2013.01 - EP US); **D21H 17/455** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005059249 A1 20050630**; AT E463619 T1 20100415; CA 2547687 A1 20050630; CA 2547687 C 20121016; CN 1890434 A 20070103; DE 602004026477 D1 20100520; EP 1702108 A1 20060920; EP 1702108 B1 20100407; JP 2005171411 A 20050630; PT 1702108 E 20100503; US 2007107864 A1 20070517

DOCDB simple family (application)

**EP 2004013937 W 20041208**; AT 04801212 T 20041208; CA 2547687 A 20041208; CN 200480036897 A 20041208; DE 602004026477 T 20041208; EP 04801212 A 20041208; JP 2003412161 A 20031210; PT 04801212 T 20041208; US 58145904 A 20041208