

Title (en)

METHOD FOR THE PRODUCTION OF PAPER, PAPERBOARD AND CARDBOARD

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PAPIER, PAPPE UND KARTON

Title (fr)

PROCEDE DE FABRICATION DE PAPIER ET DE CARTON

Publication

EP 1792010 B1 20151111 (DE)

Application

EP 05783030 A 20050908

Priority

- EP 2005009653 W 20050908
- DE 102004044379 A 20040910

Abstract (en)

[origin: WO2006027242A1] The invention relates to a method for the production of paper, paperboard and cardboard by dripping a paper material onto a sieve, by forming sheets and then drying the sheets. The sheets are formed in the absence of fine-particled, inorganic, flocculating agents and the retention agent is used as (a) polymers containing vinylamine units and/or polyvinylformamide having a molar mass M_{w} of, respectively, at least 1 million and (b) at least one cationic or non-ionic polyacrylamide and/or a cationic or non-ionic polymethacrylamide having a molar mass M_{w} of, respectively, at least 2.5 million.

IPC 8 full level

D21H 21/10 (2006.01)

CPC (source: EP US)

D21H 21/10 (2013.01 - EP US); **D21H 17/375** (2013.01 - EP US); **D21H 17/55** (2013.01 - EP US); **D21H 17/56** (2013.01 - EP US); **D21H 23/765** (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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006027242 A1 20060316; CA 2576611 A1 20060316; CA 2576611 C 20141223; CN 101014741 A 20070808; CN 101014741 B 20100526; DE 102004044379 A1 20060330; DE 102004044379 B4 20080110; EP 1792010 A1 20070606; EP 1792010 B1 20151111; US 2008000601 A1 20080103; US 8029647 B2 20111004

DOCDB simple family (application)

EP 2005009653 W 20050908; CA 2576611 A 20050908; CN 200580030392 A 20050908; DE 102004044379 A 20040910; EP 05783030 A 20050908; US 57467705 A 20050908