

Title (en)

METHOD FOR PRODUCING PAPER OR THE LIKE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PAPIER ODER DGL.

Title (fr)

PROCÉDÉ DE PRODUCTION DE PAPIER OU ÉQUIVALENT

Publication

**EP 2499297 B1 20130925 (DE)**

Application

**EP 10807308 A 20101103**

Priority

- AT 18002009 A 20091113
- AT 2010000417 W 20101103

Abstract (en)

[origin: CA2780687A1] The invention relates to a method for producing paper or the like, wherein cationic polymer microparticles composed of polyacrylamide and a fine-particle, inorganic component are added to the paper material after the last shearing step and before the headbox, whereupon the paper material is subjected to drainage in order to form sheets and the sheets are subjected to drying. In addition, a polymer mixture, which is composed of a linear, cationic polymer and a linear, anionic copolymer, and the overall ionicity of which is anionic, is added immediately before the headbox.

IPC 8 full level

**D21H 17/41** (2006.01); **D21H 17/63** (2006.01); **D21H 21/10** (2006.01)

CPC (source: EP KR US)

**D21H 17/41** (2013.01 - EP KR US); **D21H 17/63** (2013.01 - EP KR US); **D21H 21/10** (2013.01 - EP KR US)

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)

**AT 508256 A4 20101215; AT 508256 B1 20101215;** AR 078983 A1 20111214; AU 2010317637 A1 20120524; AU 2010317637 A2 20120531; BR 112012011114 A2 20160705; CA 2780687 A1 20110519; CL 2012001255 A1 20120928; CN 102597369 A 20120718; CN 102597369 B 20141029; CO 6551743 A2 20121031; EP 2499297 A2 20120919; EP 2499297 B1 20130925; ES 2440561 T3 20140129; JP 2013510956 A 20130328; KR 101541385 B1 20150803; KR 20120081248 A 20120718; NZ 599636 A 20130927; PE 20110515 A1 20110808; PL 2499297 T3 20140331; PT 2499297 E 20140102; TW 201120279 A 20110616; US 2012222830 A1 20120906; US 8562787 B2 20131022; UY 33024 A 20110531; WO 2011057309 A2 20110519; WO 2011057309 A3 20110707; ZA 201204245 B 20130227

DOCDB simple family (application)

**AT 18002009 A 20091113;** AR P100104196 A 20101112; AT 2010000417 W 20101103; AU 2010317637 A 20101103; BR 112012011114 A 20101103; CA 2780687 A 20101103; CL 2012001255 A 20120511; CN 201080051044 A 20101103; CO 12077627 A 20120511; EP 10807308 A 20101103; ES 10807308 T 20101103; JP 2012538133 A 20101103; KR 20127015257 A 20101103; NZ 59963610 A 20101103; PE 2010001047 A 20101112; PL 10807308 T 20101103; PT 10807308 T 20101103; TW 99138944 A 20101112; US 201013509373 A 20101103; UY 33024 A 20101111; ZA 201204245 A 20120611