

Title (en)

METHOD FOR THE PRODUCTION OF PAPER, CARDBOARD OR THE LIKE AND RELATED PAPER OR CARDBOARD PRODUCT

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PAPIER, PAPPE ODER DERGLEICHEN PRODUKTEN SOWIE ZUGEHÖRIGES PAPIER- ODER PAPPEERZEUGNIS

Title (fr)

PROCÉDÉ DE FABRICATION DE PAPIER, DE CARTON OU DE PRODUITS ANALOGUES AINSI QUE PRODUITS DE PAPIER ET CARTON CORRESPONDANTS

Publication

EP 2227596 A2 20100915 (DE)

Application

EP 08864431 A 20081220

Priority

- EP 2008010985 W 20081220
- DE 102007062370 A 20071222

Abstract (en)

[origin: WO2009080332A2] The present invention relates to a method for the production of paper, cardboard or the similar products, and to a related paper or cardboard product. For this purpose a mixture, or pulp, made of cellulose fibers, at least one retention agent, at least one mineral filler made of filler fibers, and a solvent, such as water, is produced and dried on a screen. A production line is created in this manner. According to the invention the cellulose fibers and the filler fibers are adjusted to each other with regard to at least one of the properties of a) length, b) diameter, and c) length ratio (length/diameter).

IPC 8 full level

D21H 13/38 (2006.01); **D21H 13/36** (2006.01); **D21H 17/38** (2006.01); **D21H 17/67** (2006.01); **D21H 21/10** (2006.01)

CPC (source: EP)

D21H 17/68 (2013.01); **D21H 13/36** (2013.01); **D21H 15/02** (2013.01); **D21H 21/10** (2013.01); **D21H 21/52** (2013.01)

Citation (search report)

See references of WO 2009080332A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007062370 A1 20090625; EP 2227596 A2 20100915; EP 2227596 B1 20160525; ES 2588353 T3 20161102; PT 2227596 T 20160830; WO 2009080332 A2 20090702; WO 2009080332 A3 20091015

DOCDB simple family (application)

DE 102007062370 A 20071222; EP 08864431 A 20081220; EP 2008010985 W 20081220; ES 08864431 T 20081220; PT 08864431 T 20081220