

Title (en)
METHOD FOR THE PRODUCTION OF PAPER, PAPERBOARD, AND CARDBOARD

Title (de)
VERFAHREN ZUR HERSTELLUNG VON PAPIER, PAPPE UND KARTON

Title (fr)
PROCEDE POUR PRODUIRE DU PAPIER, DU CARTON-PATE ET DU CARTON

Publication
EP 1529133 A1 20050511 (DE)

Application
EP 03784048 A 20030723

Priority
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• EP 0308037 W 20030723

Abstract (en)
[origin: WO2004015200A1] Disclosed is a method for producing paper, paperboard, and cardboard by shearing the paper material, adding a microparticle system made of cationic polymers and a fine-particle inorganic component to the paper material following the last shearing step before agglomerating the material, dewatering the paper material so as to form sheets, and drying said sheets. Cationic polyacrylamides, polymers containing vinylamine units, and/or poly diallyl dimethyl ammonium chloride, each of which has an average molar weight Mw of at least 500,000 Dalton and a maximum charge density of 4.0 meq/g, is/are used as cationic polymers.

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D21H 23/18; **D21H 21/10**

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2004015200A1

Citation (third parties)
Third party :
• EP 0235893 B1 19900509
• DE 4493351 T1 19960822 - GRACE W R & CO [US]
• EP 0885328 B1 20011212 - CIBA SPEC CHEM WATER TREAT LTD [GB]
• EP 0223223 A1 19870527 - BASF AG [DE]
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