

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

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

Title (fr)  
PROCEDE DE FABRICATION DE PAPIER, DE CARTON-PATE ET DE CARTON

Publication  
**EP 1831459 A1 20070912 (DE)**

Application  
**EP 05817729 A 20051217**

Priority  
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• DE 102004063005 A 20041222

Abstract (en)  
[origin: WO2006069660A1] A method for the production of paper, cardboard and card by adding a microparticle system consisting of a polymer retention agent having a molar mass M<SUB>w</SUB> of at least 2 million and a fine-part inorganic component in order to form a paper material having a material density of a 20 g/l maximum and by dewatering the paper material, wherein the paper material undergoes at least one shearing step prior to or after addition of the retention agent and wherein the retention agent is introduced in a dosed manner into the paper material in at least two places and the fine inorganic component is dosed prior to or after addition of the retention agent or between two dosing points for the retention agent.

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 17/67** (2013.01 - EP US); **D21H 23/18** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006069660A1

Designated contracting state (EPC)  
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