

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

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

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

Publication  
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Application  
**EP 06793230 A 20060905**

Priority  
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Abstract (en)  
[origin: WO2007031442A1] Method for the production of paper, cardboard and card by dewatering a paper stock with sheet formation in the presence of a retention agent system made of (i) at least one vinylamine unit-containing polymer in the form of the free bases, the salts and/or in quaternized form as sole cationic polymer, (ii) at least one linear anionic polymer having a molar mass  $M_{w}$  of at least 1 million and/or at least one branched anionic water-soluble polymer and/or bentonite and/or silica gel and (iii) at least one particulate, anionic, crosslinked, organic polymer having an average particle diameter of at least 1  $\mu\text{m}$  and an intrinsic viscosity of less than 3 dl/g and also use of the retention agent system made of the components (i), (ii) and (iii) as additive in the production of paper, cardboard and card.

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