

Title (en)  
METHOD FOR PRODUCING PAPER, PAPERBOARD AND CARDBOARD

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 1727938 B1 20080402 (DE)**

Application  
**EP 05716030 A 20050314**

Priority  
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Abstract (en)  
[origin: WO2005090678A1] The inventive method for producing paper, paperboard and cardboard by removing interfering substance-containing water from a paper pulp in the presence of polymers containing vinylamine units whose mean molecular mass Mw is equal or greater than one million. Said method consists in preparing, at first a high-density pulp, introducing a doses quantity at least of one type polymer which contains vinylamine units and whose mean molecular mass Mw is equal or greater than one million and a degree of hydrolysis ranges from 1 to 20 mol % in the high-density pulp, in diluting said high-density pulp by adding water until a low-density pulp is obtained and in dewatering said low-density pulp. Said invention also relates to the use of homo-or copolymers of N-vinyl carboxylic acid amides having a degree of hydrolysis ranging from 1 to 20 mol % and a mean molecular mass Mw equal or greater than one million for producing paper, paperboard and cardboard in the form of an additive to the high-density pulp containing interfering substances in order to reduce deposits formed in the sieving, pressing and drying areas of paper machines.

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