

Title (en)

METHOD FOR PRODUCING HIGH DRY STRENGTH PAPER, PAPERBOARD OR CARDBOARD

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PAPIER, PAPPE UND KARTON MIT HOHER TROCKENFESTIGKEIT

Title (fr)

PROCEDE POUR PRODUIRE DU PAPIER, DU CARTON, DU CARTON BLANCHI PRESENTANT UNE RESISTANCE ELEVEE A SEC

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006056381A1] The invention relates to a method for producing high dry strength paper, paperboard or cardboard by separately adding a vinyl amine unit-containing polymer and a polymeric anionic compound to a paper pulp, draining the paper pulp and drying the paper products. The inventive method is characterized by using at least one copolymer as the polymeric anionic compound which is obtained by copolymerizing (a) at least one N-propenoic acid amide of formula (I), wherein  $R_{1</sup>2</sup> = H or C_{1</sup>6</sup> alkyl, (b) at least one acid group-containing monoethylenically unsaturated monomer and/or the alkali metal salts, alkaline earth metal salts or ammonium salts thereof and optionally (c) other monoethylenically unsaturated monomers, and optionally (d) compounds that comprise at least two ethylenically unsaturated double bonds in the molecule.$

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