

Title (en)
METHOD FOR MANUFACTURING PAPER AND CARDBOARD

Title (de)
VERFAHREN ZUR HERSTELLUNG VON PAPIER UND KARTON

Title (fr)
PROCEDE DE FABRICATION DE PAPIER ET DE CARTON

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Application
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Abstract (en)
[origin: WO2022023631A1] The present invention relates to a method for manufacturing a sheet of paper or cardboard, which comprises adding a water-soluble polymer P with a weight-average molecular weight greater than 750,000 daltons to a fibrous suspension. This method comprises the following successive steps: - preparing an aqueous solution A containing at least one water-soluble polymer P at a concentration C of 0.1 to 0.5% by weight, said polymer P having a factor F(C) strictly greater than 4, with $F(C) = \Delta 600/C$, $\Delta 600$ being the slope to reach 90% of the viscosity developed by the aqueous solution A at 600 seconds at 25 °C, obtained from the viscosity curve of the aqueous solution A as a function of time, at the given concentration C, at 25 °C, - adding the aqueous solution A to the fibrous suspension, at one or more injection points, - forming a sheet of paper or cardboard.

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