

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

Publication
EP 4323585 A1 20240221 (FR)

Application
EP 22723052 A 20220413

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Abstract (en)
[origin: WO2022219085A1] The present invention relates to a method for manufacturing a sheet of paper or cardboard from a fibrous suspension, comprising the following steps: a) injecting a polymer P2 into a fibrous suspension, b) forming a sheet of paper or cardboard, c) drying the sheet of paper or cardboard, the polymer P2 being prepared, prior to step a), from a water-soluble polymer P1 in the form of solid particles, P1 being made up of at least one non-ionic monomer chosen from acrylamide, methacrylamide, N,N-dimethylacrylamide and acrylonitrile, the polymer P1 being subjected to a reaction Re to form a polymer P2, the reaction Re including adding and dissolving the solid polymer P1 particles in an aqueous solution M1 of: (i) an alkaline hydroxide and/or an alkaline-earth hydroxide, (ii) an alkaline hypohalide and/or an alkaline-earth hypohalide, prior to a reaction time of 10 seconds to 5 hours.

IPC 8 full level
D21H 17/37 (2006.01); **C08F 8/00** (2006.01); **D21H 17/45** (2006.01); **D21H 21/10** (2006.01)

CPC (source: EP)
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