

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 4323586 A1 20240221 (FR)**

Application  
**EP 22723053 A 20220413**

Priority  
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Abstract (en)  
[origin: WO2022219086A1] 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 suspension of cellulose fibres; b) forming a sheet of paper or cardboard; and 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 an invert emulsion, P1 consisting of at least one non-ionic monomer selected from acrylamide, methacrylamide, N,N-dimethylacrylamide and acrylonitrile, the polymer P1 being subjected to a reaction Re to give a polymer P2, the reaction Re consisting of adding the polymer P1 in the form of an invert emulsion in an aqueous solution M1 of: (i) an alkali hydroxide and/or an alkaline earth hydroxide, (ii) an alkali hypohalide and/or an alkaline earth hypohalide before a reaction time of 10 seconds to 5 hours.

IPC 8 full level  
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CPC (source: EP US)  
**C08F 2/10** (2013.01 - EP); **C08F 8/06** (2013.01 - EP); **C08F 120/56** (2013.01 - EP US); **D21H 17/375** (2013.01 - EP US); **D21H 17/45** (2013.01 - EP); **D21H 21/10** (2013.01 - EP US); **D21H 21/18** (2013.01 - US); **D21H 23/04** (2013.01 - US); **C08F 2810/00** (2013.01 - US)

C-Set (source: EP)  
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