

Title (en)
MANUFACTURING PROCESS OF PAPER OR CARDBOARD HAVING IMPROVED RETENTION AND DRAINING PROPERTIES

Title (de)
HERSTELLUNGSVERFAHREN FÜR PAPIER ODER KARTON MIT VERBESSERTEN RETENTION- UND ENTWÄSSERUNGSEIGENSCHAFTEN

Title (fr)
PROCEDE DE FABRICATION DE PAPIER ET CARTON PRESENTANT DES PROPRIETES DE RETENTION ET D'EGOUTTAGE AMELIOREES

Publication
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Application
EP 11752300 A 20110726

Priority

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Abstract (en)
[origin: WO2012017172A1] Process for manufacturing a sheet of paper and/or board having improved retention and drainage properties, according to which, before formation of said sheet and/or board, added to the fibrous suspension are at least two retention aids respectively: a main retention aid corresponding to a (co)polymer having a cationic charge density of greater than 2 meq/g, obtained by Hofmann degradation reaction, a secondary retention aid corresponding to a water-soluble or water-swellaable polymer having an anionic charge density of greater than 0.1 meq/g, characterized in that: the main retention aid is introduced into the fibrous suspension in a proportion of 100 to 800 g/t of dry pulp, the secondary retention aid is introduced into the fibrous suspension in a proportion of 50 to 800 g/t of dry pulp and has an intrinsic viscosity IV of greater than 3 dl/g.

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