

Title (en)
PAPERMAKING PROCESS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON PAPIER

Title (fr)
PROCEDE DE FABRICATION DE PAPIER

Publication
EP 0877120 A1 19981111 (EN)

Application
EP 96942614 A 19961224

Priority

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Abstract (en)
There is provided a papermaking method which comprises the steps of adding to pulp in a papermaking step an ionic water-soluble polymer produced by a polymerization method for obtaining a dispersion of fine polymer particles by carrying out polymerization under agitation in an aqueous salt solution capable of dissolving monomers but not the produced polymer in the presence of a dispersant composed of a polymer electrolyte soluble in the aqueous salt solution and then adding an anionic additive selected from the group consisting of anionic colloidal silica, anionic (co)polymer, bentonite and a mixture thereof so as to improve retention and/or drainage property. The present invention makes it possible to greatly improve the retention and drainage property of paper stuff and fillers in the papermaking process and thereby enhance quality and productivity.

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IPC 8 full level
D21H 21/10 (2006.01)

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D21H 17/45 (2013.01 - KR); **D21H 21/10** (2013.01 - EP)

Cited by
US7250462B2; EP1403316A4; CZ296851B6; US7776181B2; EP2943615A4; US10113270B2; US7691234B2; US7189776B2; US6918995B2; US7442280B1; US7488402B2; US7220339B2; US7091273B2

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