

Title (en)

PAPER-SIZING AGENTS CONTAINING AQUEOUS, SOLVENT-FREE DISPERSIONS OF CATIONIC POLYMERS AND METHOD OF PREPARING SIZED PAPER BY USING THESE AGENTS

Title (de)

WÄSSRIGE, LÖSUNGSMITTELFREIE DISPERSIONEN VON KATIONISCHEN POLYMERISATEN ENTHALTENDE PAPIERLEIMUNGSMITTEL UND VERFAHREN ZUR HERSTELLUNG VON GELEIMTEM PAPIER UNTER VERWENDUNG DIESER MITTEL

Title (fr)

PRODUITS DE COLLAGE DE PAPIER, CONTENANT DES DISPERSIONS AQUEUSES SANS SOLVANT DE POLYMERES CATIONIQUES, ET PROCEDE DE FABRICATION DE PAPIER COLLE AU MOYEN DE CES PRODUITS

Publication

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Application

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Abstract (en)

[origin: US5954921A] PCT No. PCT/EP95/03232 Sec. 371 Date Feb. 25, 1997 Sec. 102(e) Date Feb. 25, 1997 PCT Filed Aug. 16, 1995 PCT Pub. No. WO96/06119 PCT Pub. Date Feb. 29, 1996The present invention relates to agents for the pulp and/or surface sizing of paper, which comprise aqueous, solventless dispersions of cationic polymers, and to a process for sizing paper by using said agent. The sizing agents according to the present invention which can be used both in pulp and surface sizing obtain as active substance copolymers of a) 30-70 mole-% of a monomer I with b) 70-30 mole-% of a monomer II, and optionally c) 0-20 mole-% of C8-C30 monoolefins, and d) 0-10 mole-% of further monomers copolymerizable with a), b), and optionally c), the sum of monomers a), b), c), and d) amounting to 100 mole-%.

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