

Title (en)

PROCESS FOR SIZING PAPER WITH ANIONIC, HYDROPHOBIC SIZING AGENTS AND CATIONIC RETENTION AGENTS

Publication

EP 0105028 B1 19861112 (DE)

Application

EP 83810373 A 19830819

Priority

CH 506282 A 19820825

Abstract (en)

[origin: EP0105028A1] 1. A process for sizing paper or cardboard by adding, in any order or simultaneously, to an aqueous dispersion of the fibres, which dispersion may also contain fillers, at least (A) one anionic hydrophobic sizing agent and (B) one polymeric cationic retention aid, in which process the sizing agent (A) is obtainable from (a) ketene dimers whose hydrophobic substituents have at least 5 carbon atoms, said substituents containing only carbon and hydrogen, and (b) diamines or oligoamines having 2 to 6 nitrogen atoms and 2 to 36 carbon atoms.

IPC 1-7

D21H 3/02; C07C 103/44

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0190875A3; US5886223A; WO0040538A1

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EP 0105028 A1 19840404; EP 0105028 B1 19861112; AT E23584 T1 19861115; CA 1238324 A 19880621; DE 3367639 D1 19870102; FI 74075 B 19870831; FI 74075 C 19871210; FI 832999 A0 19830822; FI 832999 A 19840226; JP S5959998 A 19840405; ZA 836255 B 19850227

DOCDB simple family (application)

EP 83810373 A 19830819; AT 83810373 T 19830819; CA 435126 A 19830823; DE 3367639 T 19830819; FI 832999 A 19830822; JP 15568883 A 19830825; ZA 836255 A 19830824