

Title (en)

SURFACE SIZING OF CELLULOSE-BASED PRODUCTS

Title (de)

OBERFLÄCHENLEIMUNG VON PRODUKTEN AUF ZELLULOSEBASIS

Title (fr)

COLLAGE EN SURFACE DE PRODUITS A BASE DE CELLULOSE

Publication

EP 0889992 B1 20010516 (EN)

Application

EP 97916695 A 19970326

Priority

- SE 9700542 W 19970326
- SE 9601744 A 19960507
- US 62561696 A 19960329

Abstract (en)

[origin: WO9737078A1] The invention relates to a method of surface sizing cellulose-based products and to an aqueous sizing composition. The method comprises applying to the surface of cellulose-based products an aqueous dispersion of a copolymer obtainable by free-radical emulsion polymerization of a monomers mixture comprising at least one monomer selected from the group consisting of styrene and derivatives thereof; at least one monomer selected from the group consisting of esters of ethylenically unsaturated carboxylic acids and alkanols; and at least one monomer selected from the group consisting of ethylenically unsaturated carboxylic and sulfonic acids and salt thereof; optionally in combination with other ethylenically unsaturated copolymerizable monomers. The aqueous sizing composition comprises a dispersion of a copolymer obtainable by free-radical emulsion polymerization of such a monomers mixture and an electrolyte.

IPC 1-7

D21H 17/35; **D21H 21/16**

IPC 8 full level

D21H 19/22 (2006.01); **D21H 21/16** (2006.01); **D21H 17/34** (2006.01)

CPC (source: EP)

D21H 21/16 (2013.01); **D21H 17/34** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9737078 A1 19971009; AT E201246 T1 20010615; AU 2525297 A 19971022; CA 2250235 A1 19971009; DE 69704859 D1 20010621; EP 0889992 A1 19990113; EP 0889992 B1 20010516; JP 2000507652 A 20000620; JP 3181060 B2 20010703

DOCDB simple family (application)

SE 9700542 W 19970326; AT 97916695 T 19970326; AU 2525297 A 19970326; CA 2250235 A 19970326; DE 69704859 T 19970326; EP 97916695 A 19970326; JP 53519997 A 19970326