

Title (en)
MIXTURE OF BINDERS FOR PAPER COATING COMPOSITIONS

Publication
EP 0019170 B1 19830209 (DE)

Application
EP 80102414 A 19800505

Priority
DE 2919937 A 19790517

Abstract (en)
[origin: EP0019170A1] 1. Binder mixture for paper-coating compositions based on aqueous dispersions of from 95 to 70 parts by weight of an emulsion polymer A, which contains acrylate and ethylenically unsaturated carboxylic acids as copolymerised units, and from 5 to 30 parts by weight of a copolymer B of from 15 to 55% by weight of acrylic acid and/or methacrylic acid, where appropriate up to 10% by weight of acrylamide and/or methacrylamide and from 85 to 45% by weight of other monomers which form water-insoluble homopolymers, at least 20% by weight of these hydrophobic monomers being esters of acrylic acid or methacrylic acid with alcohols which contain from 1 to 4 carbon atoms, wherein copolymer A contains, as copolymerised units, (a) from 80 to 96% by weight of esters of acrylic acid and monohydric C2 -C8 -alcohols, (b) up to 19.5% by weight of styrene, acrylonitrile and/or methylmethacrylate, and (c) from 0.5 to 10% by weight of other monomers which form water-soluble homopolymers.

IPC 1-7
D21H 1/28; C08L 33/06

IPC 8 full level
C08L 33/06 (2006.01); **D21H 19/58** (2006.01)

CPC (source: EP)
D21H 19/58 (2013.01)

Cited by
US7217443B2; WO9900437A1; WO2008095878A3

Designated contracting state (EPC)
AT DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0019170 A1 19801126; EP 0019170 B1 19830209; AT E2447 T1 19830315; DE 2919937 A1 19801127; DE 3061869 D1 19830317; FI 71570 B 19861010; FI 71570 C 19870119; FI 801564 A 19801118

DOCDB simple family (application)
EP 80102414 A 19800505; AT 80102414 T 19800505; DE 2919937 A 19790517; DE 3061869 T 19800505; FI 801564 A 19800514