

Title (en)
Co-binder for coating compositions.

Title (de)
Cobinder für Streichmassen.

Title (fr)
Coliant pour des masses de couchage.

Publication
EP 0253285 A1 19880120 (DE)

Application
EP 87109835 A 19870708

Priority
DE 3622820 A 19860708

Abstract (en)
[origin: US4879336A] In a coating slip for coating flat surfaces comprising an aqueous dispersion, with a solids content of 8 to 65% by weight, of 100 parts by weight of a pigment, 3 to 30 parts by weight of synthetic high-molecular-weight binder based on copolymers of acrylates, styrene, butadiene and unsaturated carboxylic acid esters and 0.5 to 2 parts by weight of a cobinder the improvement comprising using a cobinder polymer containing a large degree of hydroxyl groups comprising (a) 50 to 95% by weight of vinyl alcohol units, (b) 5 to 50% by weight of 1-alkylvinyl alcohol units of 1 to 4 alkyl carbon atoms, (c) 0 to 20% by weight of vinyl acrylate units, (d) 0 to 20% by weight of allyl alcohol units and (e) 0 to 5% by weight of other polymerizable monomers having improved pigment shock behavior and very good activity as an optical brightener support.

Abstract (de)
Es werden neue Cobinder für Streichmassen zur Verfügung gestellt, die neben Vinylalkohol - auch 1-Alkylvinylalkohol - sowie ggf. geringe Mengen Vinylacrylat-, Allylalkohol- und andere Monomereinheiten enthalten. Sie zeichnen sich insbesondere durch besseres Pigmentschockverhalten und sehr gute Aktivität als Träger für optische Aufheller aus.

IPC 1-7
D21H 1/28

IPC 8 full level
C08F 216/06 (2006.01); **C08F 8/12** (2006.01); **C08F 16/02** (2006.01); **C08L 29/02** (2006.01); **C09D 5/00** (2006.01); **C09D 129/04** (2006.01); **D21H 19/56** (2006.01); **D21H 19/60** (2006.01)

CPC (source: EP US)
D21H 19/60 (2013.01 - EP US)

Citation (search report)
• [A] DE 1913667 A1 19690925 - DENKI KAGAKU KOGYO KK
• [AD] DE 1026074 B 19580313 - WACKER CHEMIE GMBH

Cited by
CN104628930A; WO2012080007A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0253285 A1 19880120; **EP 0253285 B1 19900919**; AT E56767 T1 19901015; CA 1296827 C 19920303; DE 3622820 A1 19880121; DE 3765040 D1 19901025; ES 2018212 B3 19910401; FI 85739 B 19920214; FI 85739 C 19920525; FI 872795 A0 19870624; FI 872795 A 19880109; JP H0676573 B2 19940928; JP S6320371 A 19880128; US 4879336 A 19891107

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