

Title (en)
RESIN DISPERSION.

Title (de)
HARZDISPERSION.

Title (fr)
DISPERSION DE RESINE.

Publication
EP 0227840 A4 19880531 (EN)

Application
EP 86904357 A 19860630

Priority
JP 14256585 A 19850701

Abstract (en)
[origin: EP0227840A1] This new resin dispersion contains, in a highly insulating hydrocarbon medium, (mol. wt. below 50000) a copolymer (A) almost completely insol. in the medium and a copolymer (B) highly soluble in the medium. (A) is composed of: (i) (20 to 99.5 wt.%) vinyl acetate, (ii) (0.5 to 12 wt.%+ a monomer of formula (I), in which R is formula (IV), R1, R2, R4 are H, 1-6C alkyl or alkoxyalkyl contg. 1 to 4 atoms in each alkyl moiety, R3 and R3' are 1-4C alkylene, and X is H or CH3, (iii) (0 to 79.5 wt.%) a 1-20C alkyl ester and/or a 3-8C cycloalkyl ester of acrylic or methacrylic acid. The sum of (i), (ii) and (iii) is 100 wt.%. Part of the monomer (I) is quaternised in its amino gp. with a quaternising agent (0.1-5 wt. %). (B) is composed of: (i) (95-15 wt.%) a monomer of formula (II) in which X is H or CH3, Y is -COOR5, -OCOR5 or -OR5, R5 is 4-20C alkyl, (ii) (5 to 85 wt.%) a monomer of formula (III), in which X is H or CH3, R6 is 3-8C cycloalkyl or aralkyl contg. 1 to 3 C atoms in the alkyl moiety (the sum of (i) and (ii) is 100 wt.%), and (iii) 0 to 2 wt.% in terms of sulphur content, prefd. 0.03-2 wt.% an organic mercaptan having at least one thiol gp.

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G03G 9/12

IPC 8 full level
G03G 9/12 (2006.01); **G03G 9/13** (2006.01)

CPC (source: EP)
G03G 9/13 (2013.01); **G03G 9/131** (2013.01)

Citation (search report)

- [A] US 4229513 A 19801021 - MERRILL STEWART H, et al
- [A] GB 1563240 A 19800319 - HUNT CHEM CORP PHILIP A
- See references of WO 8700308A1

Designated contracting state (EPC)
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