

Title (en)
DISPERSION OF ACRYL PLASTICS

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Application
EP 83100223 A 19830113

Priority
DE 3202093 A 19820123

Abstract (en)
[origin: US4455342A] What are disclosed are aqueous dispersions of an acrylic resin which is suitable for the reinforcement of fibrous articles and is free of formaldehyde and acrylonitrile, said resin comprising (a) from 70 to 96.95 weight percent of alkyl esters of acrylic acid and/or methacrylic acid, or mixtures of such esters with styrene; (b) from 2 to 30 weight percent of an hydroxyalkyl ester of an unsaturated carboxylic acid; (c) from 1 to 10 weight percent of acrylamide or of methacrylamide; (d) from 0.05 to 3 weight percent of a crosslinking comonomer having at least two polymerizable double bonds; (e) up to 5 weight percent of an unsaturated carboxylic acid; and (f) up to 20 weight percent of one or more further monomers, as well as fibrous articles reinforced with such a resin dispersion and showing reduced loss of resin binder on dry cleaning and reduced absorption of plasticizers, and methods of making such articles.

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D04H 1/64

IPC 8 full level
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Citation (search report)
• [AD] EP 0012032 A1 19800611 - ROHM & HAAS [US]
• [AD] EP 0012033 A1 19800611 - ROHM & HAAS [US]
• [A] US 4268549 A 19810519 - FINK HERBERT, et al
• [A] US 4293600 A 19811006 - FINK HERBERT, et al

Cited by
EP0184153A3; EP0312008A3; EP0326298A3; EP0437268A1; GB2172292A; US4741932A; US5314943A; EP0147759A3

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