

Title (en)
Paper coating composition.

Title (de)
Papierstreichmasse.

Title (fr)
Composition pour le couchage du papier.

Publication
EP 0084808 A1 19830803 (DE)

Application
EP 83100222 A 19830113

Priority
DE 3202061 A 19820123

Abstract (en)
1. Paper coating composition consisting of A) water B) a binder in the form of latex particles, consisting of a copolymer of alkyl esters of acrylic or methacrylic acid, an unsaturated carboxylic acid and other monomers which have an ethylene bond and at least one polar group, C) conventional fillers or pigments D) a dispersing agent E) and optionally other conventional additives characterised in that the binder B is made up of an emulsion polymer of 1) 45-94,5 % by weight of alkyl esters of acrylic and/or methacrylic acid, optionally in admixture with styrene 2) 3-20 % by weight of hydroxyalkyl ester of acrylic or methacrylic acid 3) 2-10 % by weight of acrylamide and/or methacrylamide 4) 0.5-5 % by weight of an unsaturated polymerisable carboxylic acid 5) an optionally up to 20 % by weight, based on the weight of the copolymer, of other monoolefinically unsaturated monomers and in that the aqueous dispersion of the emulsion polymer has a minimum film forming temperature of not higher than 50°C.

Abstract (de)
Eine Papierstreichmasse, bestehend aus Wasser, üblichen Füllstoffen und gegebenenfalls sonstigen Zusätzen, einem Dispergiermittel und einem vorzugsweise als Alleinbindemittel eingesetzten Latex eines Emulsionspolymerisats aus Alkylestern der Acryl- oder/und Methacrylsäure, gegebenenfalls im Gemisch mit Styrol, einem Hydroxyalkylester und einem Amid der Acryl- und/oder Methacrylsäure, sowie einer ungesättigten Carbonsäure, ergibt - insbesondere auf Offsetpapieren - Striche von hoher Naßrupffestigkeit und hohem Wasseraufnahmevermögen.

IPC 1-7
D21H 1/28; C08F 220/02

IPC 8 full level
C08L 33/00 (2006.01); **C08F 220/02** (2006.01); **C08L 33/02** (2006.01); **C08L 33/04** (2006.01); **C09D 133/04** (2006.01); **D21H 19/44** (2006.01); **D21H 19/58** (2006.01)

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

Citation (search report)
• [X] DE 2123857 A1 19711202 - UGINE KUHLMANN
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Cited by
GB2137671A; GB2277522A; GB2277522B; WO9008223A1

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DE FR GB IT NL SE

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