

Title (en)

Aqueous composition containing an alkali-swelling roughly insoluble latex, for the coating of paper.

Title (de)

Alkaliquellende, ziemlich unlöslichen Latex enthaltende wässrige Zusammensetzung zur Beschichtung von Papier.

Title (fr)

Composition aqueuse pour couchage de papier comportant un latex alcaligonflant sensiblement insoluble.

Publication

EP 0509878 A1 19921021 (FR)

Application

EP 92400961 A 19920407

Priority

FR 9104565 A 19910415

Abstract (en)

Aqueous paper-coating composition with an alkaline pH of between 4 and 7, comprising: - an insoluble and alkali-nonswellable polymer latex A which has a mean particle diameter OA of between 60 and 300 nm, - an insoluble, alkali-swellaable polymer latex B which has a particle diameter OB of between 20 and 150 nm measured at pH of between 2 and 4 and capable of swelling at least 1.5 times in diameter in an alkaline medium, - an inorganic pigment C containing at least 40 % by weight of CaCO₃.

IPC 1-7

D21H 19/58

IPC 8 full level

D21H 19/58 (2006.01)

CPC (source: EP US)

D21H 19/58 (2013.01 - EP US)

Citation (search report)

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- [AD] DE 1919379 A1 19691023 - ICI LTD
- [A] US 3963843 A 19760615 - HITCHMOUGH JOHN R, et al
- [A] EP 0244250 A1 19871104 - DOW CHEMICAL CO [US]
- [A] WORLD PATENTS INDEX Week 7614, Derwent Publications Ltd., London, GB; AN 76-24612X & DD-A-117 688 (STEFFERS) 20 Janvier 1976

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