

Title (en)

FUNCTIONALIZED VINYL ACETATE ETHYLENE BINDERS FOR PAPER AND PAPERBOARD COATINGS

Title (de)

FUNKTIONALISIERTE VINYLACETAT-ETHYLENBINDER FÜR PAPIER- UND PAPPBESCHICHTUNGEN

Title (fr)

LIANTS D'ÉTHYLÈNE D'ACÉTATE DE VINYLE FONCTIONNALISÉS POUR REVÊTEMENTS DE PAPIER ET DE CARTON

Publication

EP 2892718 A4 20160608 (EN)

Application

EP 12884053 A 20120910

Priority

CN 2012081200 W 20120910

Abstract (en)

[origin: WO2014036740A1] A paper product comprising a planar fibrous cellulose substrate, and a coating composition disposed on a surface of said substrate comprising an interpolymer prepared by the emulsion polymerization of (i) one or more vinyl ester monomers; (ii) ethylene; (iii) an unsaturated silane co-monomer; and (iv) one or more emulsion-stabilizing ionic co-monomers comprising one or more of unsaturated, substituted sulfonic acid, one or more of an unsaturated phosphonic acid, or an ester of one of those acids, in the presence of (v) a stabilizing system which comprises one or more anionic and/or nonionic surfactants but less than about 1 pphm of any protective colloid material; and (v) water.

IPC 8 full level

B32B 7/12 (2006.01); **C08F 2/22** (2006.01); **C08F 2/44** (2006.01); **C08J 5/12** (2006.01); **D21H 19/20** (2006.01); **D21H 19/32** (2006.01); **D21H 19/56** (2006.01); **D21H 19/82** (2006.01); **D21H 21/18** (2006.01)

CPC (source: CN EP US)

C08F 2/22 (2013.01 - CN EP US); **C08F 2/44** (2013.01 - CN EP US); **D21H 19/12** (2013.01 - US); **D21H 19/20** (2013.01 - CN EP US); **D21H 19/32** (2013.01 - CN EP US); **D21H 19/56** (2013.01 - CN EP US); **D21H 19/82** (2013.01 - CN EP US); **D21H 21/18** (2013.01 - CN EP US)

Citation (search report)

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Designated contracting state (EPC)

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