

Title (en)

USE OF POLYVINYLAMINE TO IMPROVE OIL AND WATER SIZING IN CELLULOSIC PRODUCTS

Title (de)

VERWENDUNG VON POLYVINYLAMIN FÜR VERBESSERTE ÖL- UND WASSERLEIMUNG IN CELLULOSEPRODUKTEN

Title (fr)

UTILISATION D'UNE POLYVINYLAMINE POUR AMÉLIORER LE COLLAGE OLÉOFUGE ET HYDROFUGE DANS DES PRODUITS CELLULOSIQUES

Publication

EP 2024565 A2 20090218 (EN)

Application

EP 07794834 A 20070511

Priority

- US 2007011518 W 20070511
- US 43336506 A 20060512

Abstract (en)

[origin: US2007261807A1] The presence of both a water sizing agent and an oil sizing agent in a paper making furnish is detrimental in that each has an adverse effect on the sizing property of the other. It has now been found that this adverse effect can be counteracted or lessened by the presence in the furnish of a polyvinylamine.

IPC 8 full level

D21H 21/16 (2006.01)

CPC (source: EP KR US)

D21H 21/00 (2013.01 - KR); **D21H 21/16** (2013.01 - EP KR US); **D21H 17/17** (2013.01 - EP US); **D21H 17/35** (2013.01 - EP US); **D21H 17/45** (2013.01 - EP US); **D21H 17/56** (2013.01 - EP US); **D21H 23/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2007133729A2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

US 2007261807 A1 20071115; AU 2007249809 A1 20071122; BR PI0711637 A2 20120117; CA 2652855 A1 20071122; CN 101443515 A 20090527; EP 2024565 A2 20090218; JP 2009536990 A 20091022; KR 20090018117 A 20090219; MX 2008014039 A 20081114; RU 2008148826 A 20100620; TW 200745412 A 20071216; WO 2007133729 A2 20071122; WO 2007133729 A3 20080124

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US 43336506 A 20060512; AU 2007249809 A 20070511; BR PI0711637 A 20070511; CA 2652855 A 20070511; CN 200780017160 A 20070511; EP 07794834 A 20070511; JP 2009511009 A 20070511; KR 20087030227 A 20081211; MX 2008014039 A 20070511; RU 2008148826 A 20070511; TW 96117084 A 20070514; US 2007011518 W 20070511