

Title (en)

ANIONIC-CATIONIC POLYMER BLEND FOR SURFACE SIZE

Title (de)

POLYMERMISCHUNG ANIONISCH/KATIONISCH ALS LEIMUNGSMITTEL

Title (fr)

MELANGE DE POLYMERES ANIONIQUES-CATIONIQUES POUR ENCOLLAGE DE SURFACE

Publication

EP 1649105 A1 20060426 (EN)

Application

EP 04757335 A 20040728

Priority

- US 2004024195 W 20040728
- US 62857703 A 20030729

Abstract (en)

[origin: US2005022956A1] A composition for surface sizing and strengthening of paper and other cellulosic products and the related sizing method and resulting sized product, wherein the composition is an aqueous mixture of a film-forming binder, such as starch and an anionic polymer and a cationic polymer.

IPC 1-7

D21H 21/16

IPC 8 full level

D21H 21/16 (2006.01); **D21H 17/28** (2006.01); **D21H 17/42** (2006.01); **D21H 17/44** (2006.01); **D21H 23/22** (2006.01)

CPC (source: EP US)

D21H 21/16 (2013.01 - EP US); **D21H 17/28** (2013.01 - EP US); **D21H 17/42** (2013.01 - EP US); **D21H 17/44** (2013.01 - EP US); **D21H 17/72** (2013.01 - EP US); **D21H 23/22** (2013.01 - EP US)

Citation (search report)

See references of WO 2005012639A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2005022956 A1 20050203; BR PI0413006 A 20060926; CN 1849425 A 20061018; EP 1649105 A1 20060426; JP 2007500800 A 20070118; US 2006260774 A1 20061123; WO 2005012639 A1 20050210

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