Title (en)

BINDER AND COATING PAINT FOR COATING RAW PAPER IN INKJET PAPER PRODUCTION

Title (de)

BINDEMITTEL UND STREICHFARBE ZUR BESCHICHTUNG VON ROHPAPIER BEI DER HERSTELLUNG VON INKJET-PAPIEREN

Title (fr)

LIANT ET SAUCE DE COUCHAGE POUR L'ENDUCTION DE PAPIER BRUT DANS LA FABRICATION DE PAPIERS POUR JET D'ENCRE

Publication

EP 1732766 A1 20061220 (DE)

Application

EP 05701131 A 20050122

Priority

- EP 2005000630 W 20050122
- DE 102004018432 A 20040406

Abstract (en)

[origin: WO2005097513A1] The aim of said invention is to obtain a binder for a coating paint used for producing a low-cost and good quality inkjet paper providing with the inkjet colours of relatively high colour densities, thereby substituting in many cases highvalued and expensive qualities of inkjet-photopaper. For this purpose, said invention is characterised in that the inventive binder comprises gelatine in the form of the first component thereof, fractions of at least one type of another binder component selected from vinylalcohol polymers and copolymers, carbohydrates and the derivatives thereof, wherein the gelatine solid content in the binder is greater than the sum of solid content of the other binder component(s).

IPC 8 full level

B41M 5/00 (2006.01); **B41M 5/52** (2006.01); **C09D 189/06** (2006.01); **D21H 19/36** (2006.01); **D21H 19/44** (2006.01); C08L 3/00 (2006.01); C08L 29/04 (2006.01); D21H 19/54 (2006.01); D21H 19/60 (2006.01); D21H 19/84 (2006.01)

CPC (source: EP US)

B41M 5/52 (2013.01 - EP US); **C09D 189/06** (2013.01 - EP US); **D21H 19/44** (2013.01 - EP US); B41M 5/5236 (2013.01 - EP US); B41M 5/5254 (2013.01 - EP US); C08L 3/00 (2013.01 - EP US); C08L 29/04 (2013.01 - EP US); D21H 19/54 (2013.01 - EP US); D21H 19/60 (2013.01 - EP US); D21H 19/84 (2013.01 - EP US)

Citation (search report)

See references of WO 2005097513A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

WO 2005097513 A1 20051020; AU 2005231554 A1 20051020; BR PI0509697 A 20071030; CA 2562963 A1 20051020; CN 1938160 A 20070328; DE 102004018432 A1 20051027; EA 010750 B1 20081030; EA 200601835 A1 20070427; EP 1732766 A1 20061220; IL 178240 A0 20061231; JP 2007531646 A 20071108; MX PA06011507 A 20061215; US 2007122571 A1 20070531; ZA 200607848 B 20070530

DOCDB simple family (application)

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