

Title (en)

Method for printing on non-white absorbent materials

Title (de)

Verfahren zum Drucken auf nichtweiße absorbierende Materialien

Title (fr)

Procédé d'impression sur des matériaux absorbants non blancs

Publication

EP 2078786 A3 20110105 (EN)

Application

EP 08172602 A 20081222

Priority

- EP 08100296 A 20080110
- EP 08172602 A 20081222

Abstract (en)

[origin: EP2078786A2] Method for printing on non-white absorbent materials, comprising the following steps: (A) pre-treatment with a colourless aqueous formulation, comprising (a) at least one water-soluble salt according to the formula $M^m X^n$, wherein the variables are defined as follows: M is a metal ion with the charge +n, n being selected from 1 to 3, X is an anion with the charge -m, -m being selected from -1 to -3, (b) a copolymer made from at least two comonomers, selected from ethylenically unsaturated carboxylic acids, C 1 -C 10 -alkyl esters of ethylenically unsaturated carboxylic acids, vinyl aromatic compounds, amides of ethylenically unsaturated carboxylic acids, (meth)acrylonitrile, hydroxymethylamides of ethylenically unsaturated carboxylic acids, epoxy esters of ethylenically unsaturated carboxylic acids, (c) optionally, at least one surfactant, (B) printing a pattern or an image with a pigmented ink.

IPC 8 full level

D06P 5/30 (2006.01); **B41M 5/00** (2006.01); **D06P 1/52** (2006.01); **D06P 1/673** (2006.01)

CPC (source: EP)

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Citation (search report)

[I] WO 2007035508 A1 20070329 - DU PONT [US], et al

Cited by

EP2620543A4; CN106255781A; JP2011168911A; US2012251795A1; EP2505710A3; CN102162192A; EP2362014A3; CN105040441A; US10183502B2; EP3632998A4; WO2013008244A1; WO2015130498A3; US9528221B2

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