

Title (en)

METHOD FOR DIRECT INKJET PRINTING OR INK PRINTING USING LIQUID INK RECEIVING LAYERS OR FILMS

Title (de)

VERFAHREN FÜR DEN DIREKTEN TINTENSTRAHL- ODER TINTENDRUCK MIT FLÜSSIGEN FARBAUFNAHMESCHICHTEN ODER -FILMEN

Title (fr)

PROCÉDÉ POUR L'IMPRESSION DIRECTE À JET D'ENCRE EN CONTINU OU À LA DEMANDE UTILISANT DES COUCHES OU FILMS LIQUIDES DE RÉCEPTION D'ENCRE

Publication

EP 2951024 B1 20190821 (DE)

Application

EP 14828130 A 20141125

Priority

- DE 102013113282 A 20131129
- DE 2014100414 W 20141125

Abstract (en)

[origin: WO2015078449A1] The present invention relates to liquid ink receiving layers or films (receiving layers) for direct inkjet printing or ink printing, into which ink receiving layers or films low-viscosity liquid (highly fluid) printing media (printing inks) can be applied in accordance with said printing processes, and which ink receiving layers or films harden or are hardened (in a delayed manner) at a time which follows the ink application. As a result, it is possible to eliminate restrictions concerning the usability of raw materials for inkjet printing or ink printing, in particular of film formers but also of pigments and other constituents. Furthermore, corresponding compositions and uses are proposed. Finally, methods for inkjet printing or ink printing are proposed.

IPC 8 full level

B41M 5/00 (2006.01); **B41M 1/26** (2006.01)

CPC (source: EP US)

B41M 1/26 (2013.01 - EP); **B41M 5/0011** (2013.01 - EP US); **B41M 5/0017** (2013.01 - EP US); **B41M 5/0047** (2013.01 - EP); **B41M 5/50** (2013.01 - US); **B41M 5/5209** (2013.01 - US); **B41M 5/5227** (2013.01 - US); **B41M 5/5245** (2013.01 - US); **B41M 7/00** (2013.01 - US); **B41M 5/0041** (2013.01 - EP)

Citation (examination)

- US 5645888 A 19970708 - TITTERINGTON DONALD R [US], et al
- EP 2017086 A2 20090121 - NEUBIG HANSGEORG [DE], et al
- "Produktbeschreibung CMR-413.W Antigriffiti-Lack 04-01Version: V-2013-001", 4 January 2013 (2013-01-04), XP055243210, Retrieved from the Internet <URL:http://cmr-coatings.de/download/dlg/leistungsbeschreibungen/LB-CMR-413.W-V-2013-001-dt.pdf> [retrieved on 20160120]
- "Technisches Merkblatt CMR-413.W Antigriffiti-Lack", 2 January 2013 (2013-01-02), XP055243215, Retrieved from the Internet <URL:http://cmr-coatings.de/download/dlg/technische-datenblaetter/TMB-CMR-413.W-V-2013-001-dt.pdf> [retrieved on 20160120]
- "Technisches Merkblatt CMR-613.W Härter", 2 January 2013 (2013-01-02), XP055243216, Retrieved from the Internet <URL:http://cmr-coatings.de/download/dlg/technische-datenblaetter/TMB-CMR-613.W-V-2013-001-dt.pdf> [retrieved on 20160120]
- "Produktbeschreibung CMR-111 Fahrzeugfolien-Lack", 16 October 2012 (2012-10-16), XP055243220, Retrieved from the Internet <URL:http://cmr-coatings.de/download/dlg/leistungsbeschreibungen/LB-CMR-111-V-2013-001-dt.pdf> [retrieved on 20160120]
- "Technisches Merkblatt CMR-111 Fahrzeugfolien-Lack", 2 January 2013 (2013-01-02), XP055243225, Retrieved from the Internet <URL:http://cmr-coatings.de/download/dlg/technische-datenblaetter/TMB-CMR-111-V-2013-001-dt.pdf> [retrieved on 20160120]
- "Technisches Merkblatt CMR-610 Härter/Vernetzer", 2 January 2013 (2013-01-02), XP055243229, Retrieved from the Internet <URL:http://cmr-coatings.de/download/dlg/technische-datenblaetter/TMB-CMR-610-V-2013-001-dt.pdf> [retrieved on 20160120]
- ANONYMOUS: "Alkydharzlack - Version vom 04.04.2013", 4 April 2013 (2013-04-04), XP055243244, Retrieved from the Internet <URL:https://de.wikipedia.org/w/index.php?title=Alkydharzlack&oldid=116998215> [retrieved on 20160120]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015078449 A1 20150604; DE 112014005440 A5 20160825; EP 2951024 A1 20151209; EP 2951024 B1 20190821; EP 3006219 A1 20160413; ES 2753448 T3 20200408; US 11338603 B2 20220524; US 2016297223 A1 20161013; US 2020247166 A1 20200806

DOCDB simple family (application)

DE 2014100414 W 20141125; DE 112014005440 T 20141125; EP 14828130 A 20141125; EP 15190616 A 20141125; ES 14828130 T 20141125; US 201415100437 A 20141125; US 202016854354 A 20200421