

Title (en)  
Printing method

Title (de)  
Druckverfahren

Title (fr)  
Procédé d'impression

Publication  
**EP 2730419 A1 20140514 (EN)**

Application  
**EP 13191679 A 20131105**

Priority  
JP 2012248854 A 20121112

Abstract (en)  
Prints are produced without bleeding with an inkjet printer (1) that includes a print heating means (70) that heats media (30) from the back side of an inked surface of the media (30), and a preliminary heating means (40) that heats the media (30) from the back side of the inked surface before the media (30) is disposed at the position opposite the ink discharge face of a printhead (14). The print heating means (70) and the preliminary heating means (40) heat the media (30) to make a surface temperature of the inked surface of the media (30) 40°C or more and 60°C or less. The printhead (14) discharges an ink that contains a binder resin, and the binder resin has a surface minimum filming temperature of 0°C or less.

IPC 8 full level  
**B41J 11/00** (2006.01)

CPC (source: EP US)  
**B41J 11/00242** (2021.01 - EP US); **B41J 11/00244** (2021.01 - EP US)

Citation (applicant)  
• JP S62144955 A 19870629 - SEIKO EPSON CORP  
• DE 10056703 C2 20021121 - TECHNO PLOT CAD VERTRIEBS GMBH [DE]  
• JP 2010030313 A 20100212 - MIMAKI ENG KK  
• JP 2000053897 A 20000222 - KAO CORP  
• JP 2001139849 A 20010522 - KAO CORP  
• "The Color Index", 1982, THE SOCIETY OF DYERS AND COLORISTS

Citation (search report)  
• [YA] US 2012176439 A1 20120712 - KANAI HIROSHI [JP], et al  
• [Y] WO 2012117742 A1 20120907 - KONICA MINOLTA IJ TECHNOLOGIES [JP], et al & EP 2682269 A1 20140108 - KONICA MINOLTA INC [JP]

Cited by  
US11407235B2; DE102014111465A1; US11225094B2; US9375952B2; EP3219767B1; EP3363644B1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2730419 A1 20140514; EP 2730419 B1 20200101**; JP 2014094549 A 20140522; JP 5941830 B2 20160629

DOCDB simple family (application)  
**EP 13191679 A 20131105**; JP 2012248854 A 20121112