

Title (en)
INKJET PRINTING USING LARGE PARTICLES

Title (de)
TINTENSTRAHLDRUCK MIT GROSSEN TEILCHEN

Title (fr)
IMPRESSION À JET D'ENCRE UTILISANT DE GROSSES PARTICULES

Publication
EP 2761377 A1 20140806 (EN)

Application
EP 12766777 A 20120913

Priority

- US 201113245931 A 20110927
- US 201113245971 A 20110927
- US 201113245947 A 20110927
- US 201113245977 A 20110927
- US 201113245964 A 20110927
- US 201113245957 A 20110927
- US 2012054978 W 20120913

Abstract (en)
[origin: WO2013048740A1] A method of producing a print on paper includes drying a selected region of the paper to a moisture content not to exceed that of the paper equilibrated to 20% RH. Hydrophilic liquid is deposited in a selected fluid pattern on the selected region of the paper within 15 seconds after the completion of drying. The paper is charged so that a charge pattern of charged and discharged areas is formed on the paper, and the discharged areas correspond to the selected fluid pattern. Charged dry ink having charge of the same sign as the charge in the charged areas is on the paper is deposited onto the paper in a dry ink pattern corresponding to the selected fluid pattern in the selected region. The dry ink is fixed to the paper.

IPC 8 full level
G03G 15/32 (2006.01); **G03G 15/22** (2006.01)

CPC (source: EP)
G03G 15/224 (2013.01); **G03G 15/32** (2013.01); **G03G 15/6585** (2013.01); **G03G 2215/00776** (2013.01); **G03G 2215/00805** (2013.01)

Citation (search report)
See references of WO 2013048740A1

Citation (examination)
EP 1178370 A2 20020206 - CANON KK [JP]

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 2013048740 A1 20130404; CN 103842914 A 20140604; CN 103842914 B 20160120; EP 2761377 A1 20140806

DOCDB simple family (application)
US 2012054978 W 20120913; CN 201280047209 A 20120913; EP 12766777 A 20120913