

Title (en)
INKJET PRINTING DEVICE

Title (de)
TINTENSTRAHLDRUCKVORRICHTUNG

Title (fr)
DISPOSITIF D'IMPRESSION PAR JET D'ENCRE

Publication
EP 2803487 A4 20170111 (EN)

Application
EP 13736152 A 20130110

Priority
• JP 2012002785 A 20120111
• JP 2013050286 W 20130110

Abstract (en)
[origin: EP2803487A1] The distributor has a cylindrical shape and distributes ink into a plurality of recording heads. The distributor includes an inflow part, an outflow part, a plurality of supply parts, and a common flow path. The inflow part is provided to a first side end of the distributor. The outflow part is provided to a second side end of the distributor. The common flow path is formed inside the distributor and extends between the first side end and the second side end. The plurality of supply parts is provided to be aligned at a side surface of the distributor in an extending direction of the common flow path. The distributor is provided so that the second side end is located upper than the first side end in the vertical direction, the extending direction of the common flow path is inclined with respect to the horizontal direction, and the opening direction of the supply port of the supply part is directed downward in the vertical direction than in the horizontal direction.

IPC 8 full level
B41J 2/175 (2006.01); **B41J 2/18** (2006.01); **B41J 2/515** (2006.01)

CPC (source: EP)
B41J 2/175 (2013.01); **B41J 2/17596** (2013.01); **B41J 2/18** (2013.01); **B41J 2/515** (2013.01)

Citation (search report)
• [X] JP 2011046131 A 20110310 - RICOH CO LTD
• [I] JP 2006247899 A 20060921 - FUJI XEROX CO LTD
• See references of WO 2013105594A1

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)
EP 2803487 A1 20141119; EP 2803487 A4 20170111; EP 2803487 B1 20180620; CN 104023985 A 20140903; CN 104023985 B 20160120; JP 6018087 B2 20161102; JP WO2013105594 A1 20150511; WO 2013105594 A1 20130718

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EP 13736152 A 20130110; CN 201380004725 A 20130110; JP 2013050286 W 20130110; JP 2013553304 A 20130110