

Title (en)

A system and method for uniformly and equally supplying ink to both ends of a droplet generator

Title (de)

Vorrichtung und Verfahren zur gleichmässigen Zufuhr gleicher Tintenmengen an beide Enden eines Tröpfchengenerators

Title (fr)

Appareil et procédé pour alimenter en encre uniformément et en quantités égales les deux extrémités d'un générateur de gouttelettes

Publication

EP 1403061 B1 20111123 (EN)

Application

EP 03255928 A 20030923

Priority

US 25472502 A 20020925

Abstract (en)

[origin: EP1403061A1] The system has a mono-directional inlet port (28) through which fluids is supplied to a drop generator (30). A bi-directional fluid port (34) associated with the generator acts as an additional inlet port during print operation of a print head (20). The fluid flow to the generator through bi-directional port is equal to that of the fluid flow to the generator through the mono-directional port during the print operation. An independent claim is also included for supplying ink flow to a droplet generator associated with the print head.

IPC 8 full level

B41J 2/17 (2006.01); **B41J 2/175** (2006.01); **B41J 2/18** (2006.01); **B41J 2/185** (2006.01); **B41J 2/19** (2006.01)

CPC (source: EP)

B41J 2/17 (2013.01); **B41J 2/1707** (2013.01); **B41J 2/18** (2013.01); **B41J 2/19** (2013.01)

Cited by

US7195333B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1403061 A1 20040331; **EP 1403061 B1 20111123**; JP 2004268566 A 20040930

DOCDB simple family (application)

EP 03255928 A 20030923; JP 2003333084 A 20030925