

Title (en)

Printing device for suctioning off ink mist

Title (de)

Druckeinrichtung mit Tintenebelabsaugung

Title (fr)

Dispositif d'impression doté d'une aspiration d'encre

Publication

EP 1923216 B1 20140312 (DE)

Application

EP 07120000 A 20071105

Priority

DE 102006053821 A 20061114

Abstract (en)

[origin: EP1923216A2] The device (102) has a print head (103) working according to an ink jet principle. A suction mechanism (109) sucks ink fog, which occurs during discharge of ink drop (106) from a nozzle (103.1) of the print head. The mechanism includes a suction inlet (109.1) directly arranged adjacent to the nozzle in an operating condition of the print head. The print head discharges ink drop from the nozzle in such a manner that an essentially unimpaired suction flow (109.4) is adjustable between the nozzle and the suction inlet. An independent claim is also included for a method for operation of a printing device for a franking machine.

IPC 8 full level

B41J 2/04 (2006.01); **B41J 2/17** (2006.01)

CPC (source: EP US)

B41J 2/16526 (2013.01 - EP US); **B41J 2/1714** (2013.01 - EP US); **B41J 2/20** (2013.01 - EP US)

Cited by

DE102018115297A1; DE102010036839A1; US2016236491A1; US9592674B2; US8485635B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1923216 A2 20080521; **EP 1923216 A3 20090617**; **EP 1923216 B1 20140312**; DE 102006053821 A1 20080515; US 2008111851 A1 20080515

DOCDB simple family (application)

EP 07120000 A 20071105; DE 102006053821 A 20061114; US 93983207 A 20071114