

Title (en)
Printing device for suctioning off ink mist

Title (de)
Druckeinrichtung mit Tintenbelabsaugung

Title (fr)
Dispositif d'impression doté d'une aspiration d'encre

Publication
EP 1923216 A3 20090617 (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)

Citation (search report)

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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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 07120000 A 20071105; DE 102006053821 A 20061114; US 93983207 A 20071114