

Title (en)
Top feed droplet generator

Title (de)
Oberseitig gespeister Tröpfchengenerator

Title (fr)
Générateur de gouttelettes à alimentaion par le haut

Publication
EP 0805036 A2 19971105 (EN)

Application
EP 97302690 A 19970421

Priority
US 64018096 A 19960430

Abstract (en)
A droplet generator assembly is used for an ink jet printhead of a continuous ink jet printer. A nozzle plate has associated nozzles to stimulate jets. The droplet generator assembly has a fluid ingress location and a fluid egress location, on a side of the resonator body opposite the nozzle plate. A fluid trench redirects flow in-line with the nozzles. A fluid passage extends from the fluid ingress location to the fluid trench. <IMAGE> <IMAGE>

IPC 1-7
B41J 2/175; **B41J 2/045**

IPC 8 full level
B41J 2/03 (2006.01); **B41J 2/075** (2006.01); **B41J 2/16** (2006.01); **B41J 2/175** (2006.01)

CPC (source: EP)
B41J 2/03 (2013.01); **B41J 2/175** (2013.01)

Cited by
EP2236298A1; US6497510B1; US6382782B1; US6761437B2; US6986566B2; US6780339B2; US6502925B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0805036 A2 19971105; **EP 0805036 A3 19980506**; **EP 0805036 B1 20010919**; AU 1993597 A 19971106; AU 714251 B2 19991223; CA 2203951 A1 19971030; DE 69706751 D1 20011025; DE 69706751 T2 20020704; JP H1034936 A 19980210

DOCDB simple family (application)
EP 97302690 A 19970421; AU 1993597 A 19970430; CA 2203951 A 19970429; DE 69706751 T 19970421; JP 11105297 A 19970428