

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)  
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