

Title (en)  
DROP-ON-COMMAND GENERATOR

Publication  
**EP 0046117 A3 19821208 (FR)**

Application  
**EP 81401273 A 19810806**

Priority  
FR 8017516 A 19800808

Abstract (en)  
[origin: US4406405A] A device for the production of ink droplets as required includes a nozzle fed with liquid through a pipe connected to a tank and associated with a pressure transducer which produce pulsations in the liquid. The pressure transducer exhibits an internal cavity of very small volume with an inlet and an outlet for the liquid which is lying directly in contact with the wall of the material of the pressure transducer, this inlet being connected to the tank of liquid and to the outlet feeding the nozzle.

IPC 1-7  
**B41J 3/04**

IPC 8 full level  
**B41J 2/14** (2006.01)

CPC (source: EP US)  
**B41J 2/1429** (2013.01 - EP US)

Citation (search report)

- [A] US 4158847 A 19790619 - HEINZL JOACHIM, et al
- [A] DE 2162529 A1 19720629
- [A] FR 2221279 A1 19741011 - OLYMPIA WERKE AG [DE]
- [A] IBM TECHNICAL DISCLOSURE BULLETIN, vol. 16, no. 6, novembre 1973, page 1833, New York (USA);

Cited by  
EP0439275A1; EP0210209B1

Designated contracting state (EPC)  
BE CH DE FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0046117 A2 19820217; EP 0046117 A3 19821208**; FR 2488150 A1 19820212; FR 2488150 B1 19860404; US 4406405 A 19830927

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**EP 81401273 A 19810806**; FR 8017516 A 19800808; US 29183581 A 19810810