

Title (en)

ACOUSTIC INK PRINTHEAD WITH APERTURED MEMBER AND FLOWING INK

Publication

EP 0550148 A3 19931118 (EN)

Application

EP 92310809 A 19921126

Priority

US 81572991 A 19911230

Abstract (en)

[origin: EP0550148A2] An acoustic ink printhead employing a flowing stream of ink past the ejectors to maintain a fresh ink supply at the ejector sites. An apertured plate-like member aligned with the ejector sites suppresses sideways droplet ejection components. A secondary pressure field using acoustic pulses or a pulsed heater provides dynamic liquid level control in addition to controlled switching of the ink droplets. <IMAGE>

IPC 1-7

B41J 2/04

IPC 8 full level

B41J 2/045 (2006.01); **B41J 2/055** (2006.01); **B41J 2/14** (2006.01)

CPC (source: EP)

B41J 2/14008 (2013.01); **B41J 2002/14322** (2013.01)

Citation (search report)

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