

Title (en)

A HEAD FOR AN INK JET PRINTER

Publication

EP 0037624 B1 19850619 (EN)

Application

EP 81300577 A 19810212

Priority

JP 3596480 A 19800321

Abstract (en)

[origin: EP0037624A1] A head for an ink jet printer comprises an intermediate plate (11) having a plurality of first pressure chambers (12) and first nozzles (13) connected therewith recessed in one surface thereof, a plurality of second pressure chambers (16) and second nozzles (17) connected therewith recessed in the opposite surface thereof. The intermediate plate is disposed between two outer vibration plates (21, 22). Piezo-electric elements (23, 24) are located on the outer vibration plates for ejecting ink from the pressure chambers through the nozzles during a printing operation. A feed channel (15) extends between an ink reservoir (14) and each pressure chamber. It is preferred that the impedance of each feed channel (15) is substantially the same.

IPC 1-7

B41J 3/04

IPC 8 full level

B41J 2/045 (2006.01); **B41J 2/055** (2006.01); **B41J 2/14** (2006.01); **B41J 2/16** (2006.01)

CPC (source: EP)

B41J 2/14233 (2013.01); **B41J 2/161** (2013.01); **B41J 2/1623** (2013.01); **B41J 2/1626** (2013.01); **B41J 2/1631** (2013.01); **B41J 2/1632** (2013.01); **B41J 2002/14379** (2013.01)

Citation (examination)

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Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0037624 A1 19811014; EP 0037624 B1 19850619; DE 3170973 D1 19850725; JP H0234781 B2 19900806; JP S56133171 A 19811019

DOCDB simple family (application)

EP 81300577 A 19810212; DE 3170973 T 19810212; JP 3596480 A 19800321