

Title (en)
PIEZOELECTRICALLY OPERATED WRITE HEAD FOR INK MOSAIC RECORDING DEVICES

Publication
EP 0121894 A3 19850612 (DE)

Application
EP 84103655 A 19840403

Priority
DE 3313156 A 19830412

Abstract (en)
[origin: US4514743A] In a piezoelectrically-driven printing head for a dot-matrix ink printer, the ink canals (11) have a funnel-shaped enlargement (19) connected through a filter (18) to a common ink reservoir (16). The enlargements (19) increase the ink current cross-section in the area of the filter (18) and thereby increase the ink flow rate.

IPC 1-7
B41J 3/04

IPC 8 full level
B41J 2/045 (2006.01); **B41J 2/055** (2006.01); **B41J 2/175** (2006.01)

CPC (source: EP US)
B41J 2/17563 (2013.01 - EP US)

Citation (search report)

- DE 2543451 C2 19820506
- DE 2543397 A1 19770407 - SIEMENS AG
- DE 3126372 A1 19820902 - HITACHI LTD [JP], et al

Cited by
EP0500068A3; US5808644A; EP0596252A1; US5481289A

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

DOCDB simple family (publication)
EP 0121894 A2 19841017; EP 0121894 A3 19850612; EP 0121894 B1 19861015; DE 3313156 A1 19841018; DE 3460948 D1 19861120; JP S59198164 A 19841109; US 4514743 A 19850430

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