

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

Publication  
**EP 0121894 B1 19861015 (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)

Cited by  
EP0596252A1; US5481289A; EP0500068A3; US5808644A

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

DOCDB simple family (application)  
**EP 84103655 A 19840403**; DE 3313156 A 19830412; DE 3460948 T 19840403; JP 7386284 A 19840412; US 59850984 A 19840409