

Title (en)  
WRITING HEAD FOR AN INK JET PRINTER

Publication  
**EP 0057956 A3 19830803 (DE)**

Application  
**EP 82200100 A 19820128**

Priority  
DE 3104077 A 19810206

Abstract (en)  
[origin: US4414552A] The printing head of an ink jet printer includes several tubular nozzle ducts which have the same cross-section and on each of which there is arranged a cylindrical drive member. Each nozzle duct is constructed to be integral with its ejection nozzle and the damping member at its rear, and opens perpendicularly into the distribution duct via which the ink is applied to all nozzle ducts. At the area between the drive members and the nozzles, the nozzle ducts are bent, such that they extend parallel to one another in the other zones, the distances at the area of the nozzles being determined by the distance required between the ink droplets which are mosaic-wise deposited on the record carrier and at the rear area by the dimensions of the drive members.

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)

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

Citation (search report)  
• [X] DE 2918737 A1 19791115 - HITACHI LTD  
• [A] DE 2543452 A1 19770331 - SIEMENS AG  
• [YD] US 3832579 A 19740827 - ARNDT J

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0057956 A2 19820818; EP 0057956 A3 19830803; EP 0057956 B1 19860423**; CA 1176689 A 19841023; DE 3104077 A1 19820909; DE 3270704 D1 19860528; JP S57148663 A 19820914; US 4414552 A 19831108

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**EP 82200100 A 19820128**; CA 395523 A 19820204; DE 3104077 A 19810206; DE 3270704 T 19820128; JP 1650282 A 19820205; US 34527682 A 19820203