

Title (en)

Arrangement for a print head in a matrix ink jet writing device.

Title (de)

Anordnung für einen Schreibkopf in Tintenmosaikschreibeinrichtungen.

Title (fr)

Agencement pour une tête d'impression dans un dispositif à écrire à jets d'encre en forme de matrice de points.

Publication

EP 0040784 A2 19811202 (DE)

Application

EP 81103805 A 19810518

Priority

DE 3019822 A 19800523

Abstract (en)

[origin: US4368477A] A printing head for an ink mosaic printing device is provided with a plurality of diagonally extending ink ducts having downstream ends converging at a printing location on the printing head to form a printing grid pattern. The downstream leading ends of the ducts are formed with wedge-shaped tapered portions, each having a leading edge wall carrying a discharge orifice for ink droplets. By virtue of this construction of the ink ducts, more ink ducts may be used to form the grid pattern and the various discharge orifices may be placed closer to one another to provide higher printing resolution.

Abstract (de)

Tintenmosaikschreibeinrichtung mit einer Vielzahl von im Schreibkopf (7) angeordneten und jeweils an einer Austrittsstelle endenden Tintenkanälen (1). Die Tintenkanäle (1) besitzen in Richtung zur Austrittsstelle keilförmige Verjüngungen (2), damit ist eine enge Teilung der Austrittsöffnungen möglich.

IPC 1-7

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IPC 8 full level

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