

Title (en)

Ink jet recording head with cylindrical ink channels.

Title (de)

Schreibkopf für Tintenschreibeinrichtungen mit zylinderförmigen Tintenkanälen.

Title (fr)

Tête d'enregistrement pour imprimante à jet d'encre avec conduites d'encre cylindriques.

Publication

EP 0063637 A2 19821103 (DE)

Application

EP 81108327 A 19811014

Priority

DE 3117028 A 19810429

Abstract (en)

1. A recording head for ink jet printers, having cylindrical ink channels provided in the recording head which are at least partially embraced by piezotransducers, characterised by a head part (1) in which the ink channels (2) are arranged parallel to one another ; by an adjoining channel plate (4) having ink guidance channels (5) into which the ink channels (2) open on one side of the channel plate (4) and which, on the other side, form outlet openings (6) ; by a nozzle plate (7) provided with nozzle openings (8) which are assigned to the outlet openings (6) of the channel plate (4) ; and by a fixing element (9) which at least partially embraces the head part (1), the channel plate (4), and the nozzle plate (7).

Abstract (de)

Mehrfachdüsen-Schreibkopf für Tintenschreibeinrichtungen mit einem Kopfteil, in dem die Tintenkanäle als parallel zueinander verlaufende Hohlräume ausgebildet sind, einer Kanalplatte, in der Tintenzuführungskanäle verlaufen und einer Düsenplatte; als Befestigungs- und Halteelement dient ein Andruckbügel, dessen federnde Arme über die Düsen und Kanalplatte hinweggreifend in Ausnehmungen des Kopfteiles befestigt sind.

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IPC 8 full level

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