

Title (en)
INK JET RECORDING HEAD WITH CYLINDRICAL INK CHANNELS

Publication
EP 0063637 B1 19850313 (DE)

Application
EP 81108327 A 19811014

Priority
DE 3117028 A 19810429

Abstract (en)
[origin: EP0063637A2] 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).

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)
B41J 2/1429 (2013.01); **B41J 2002/14379** (2013.01)

Cited by
EP0183224A1; EP0790129A3; EP0260884A3; DE3630206A1; US5185615A; GB2243338B; GB2182611A; GB2182611B; EP0176489A3; US5752303A; US6070972A; EP0379781A3; US5095321A; EP0509491A3; US5498306A; EP0383019A3; US5534898A; US6435648B1

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