

Title (en)
MICROCHANNEL MARKING ENGINE

Title (de)
MARKIERGERÄT MIT MIKROKANÄLEN

Title (fr)
MACHINE DE MARQUAGE PAR MICROCANAU

Publication
EP 0964783 A1 19991222 (EN)

Application
EP 97948377 A 19971119

Priority
US 9721124 W 19971119

Abstract (en)
[origin: WO9925557A1] A printer (10) employs electrostatic grippers (12, 14, and 16) to advance paper (18) past a print head (22) that forms capillaries (33) in which capillary action ordinarily retains hot-melt ink and prevents it from marking the paper. When the paper is to be marked, a potential difference is applied to electrodes (40 and 42) to create electric-field gradients that cause the ink to bulge from the capillary outlet and mark the paper.

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B41J 2/005

IPC 8 full level
B41J 2/01 (2006.01); **B41J 2/005** (2006.01); **B41J 2/015** (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 9925557A1

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DOCDB simple family (publication)
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