

Title (en)

A droplet deposition apparatus with releasably attached nozzle plate

Title (de)

Tröpfchenaufzeichnungsgerät mit lösbar befestigter Düsenplatte

Title (fr)

Appareil de dépôt de gouttelettes avec plaque à buses pouvant se fixer de manière amovible

Publication

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Application

**EP 00202739 A 20000801**

Priority

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Abstract (en)

A multichannel droplet deposition apparatus comprising a body (103) with a plurality of channels (104a) terminating in a common channel termination surface (104) and a nozzle plate (102) with through holes (102a) placed on the body at the channel termination surface for providing droplet ejection nozzles for said channels, wherein the nozzle plate is releasably attached to said body. <IMAGE>

IPC 1-7

**B41J 2/14**

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

- US 5855713 A 19990105 - HARVEY ROBERT ALAN [GB]
- WO 9633246 A1 19961024 - MINNESOTA MINING & MFG [US]
- WO 9420586 A1 19940915 - MINNESOTA MINING & MFG [US]
- US 5756625 A 19980526 - CRANDALL MICHAEL D [US], et al

Citation (search report)

- [XY] EP 0703082 A2 19960327 - COMPAQ COMPUTER CORP [US]
- [XY] JP S6364755 A 19880323 - HITACHI LTD
- [X] JP S55121081 A 19800917 - CANON KK
- [Y] JP H11198378 A 19990727 - CANON KK
- [Y] EP 0865923 A2 19980923 - LEXMARK INT INC [US]
- [Y] WO 9817477 A1 19980430 - XAAR TECHNOLOGY LTD [GB], et al

Cited by

US7188925B2

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