Title (en)
Droplet deposition apparatus and methods of manufacture thereof

Title (de)
Tröpfchenaufzeichnungsgerät und Herstellungsverfahren dafür

Title (fr)
Appareil utile pour deposer des goutelettes et procédés de fabrication associés

Publication
EP 1241007 A1 20020918 (EN)

Application
EP 02010145 A 19981009

Priority
- EP 98946612 A 19981009
- GB 9721555 A 19971010

Abstract (en)
A piezoelectric printhead or other droplet deposition apparatus has parallel liquid containing channels defined by a base and displaceable walls, and covered by a cover number. The channels each have at least one nozzle for ejecting droplets. Each nozzle may be disposed in the base, the cover then having two ink supply parts spaced lengthwise of each channel on opposite sides of the nozzle. Alternatively two longitudinally spaced nozzles may be provided in the base of each channel. The cover may have a conductive track corrected to wall-displacing electrodes, the points of connection being outside the channels. <IMAGE>

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B41J 2/14; B41J 2/16

IPC 8 full level
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DE ES FR GB IT

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WO 9919147 A1 19990422; AT E231073 T1 20030215; AU 747616 B2 20020516; AU 9360898 A 19990503; BR 9812580 A 20020924; CA 2301819 A1 19990422; CA 2301819 C 20070724; CN 1146501 C 20040421; CN 1274316 A 20001122; DE 69810799 D1 20030220; DE 69810799 T2 20031023; DE 69833978 D1 20060518; DE 69833978 T2 20070125; EP 1021302 A1 20000726; EP 1021302 B1 20030115; EP 1241007 A1 20020918; EP 1241007 B1 20060329; ES 2186231 T3 20030501; ES 2257481 T3 20060801; GB 9721555 D0 19971210; IL 134657 A0 20010430; IL 134657 A 20040104; JP 2001519264 A 20011023; KR 100567262 B1 20060404; KR 20010031048 A 20010416

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