

Title (en)  
Ink jet device and method of manufacturing the same

Title (de)  
Tintenstrahlvorrichtung und Verfahren zu ihrer Herstellung

Title (fr)  
Dispositif à jet d'encre et son procédé de fabrication

Publication  
**EP 1886816 A1 20080213 (EN)**

Application  
**EP 07113296 A 20070727**

Priority  
• EP 06118790 A 20060811  
• EP 07113296 A 20070727

Abstract (en)  
An ink jet device comprising a number of ink channels (12) that are arranged side by side and are covered by a flexible sheet (16), and a corresponding number of actuators (18) that are arranged to exert an actuating force onto the sheet (16) through a bump (22) that has a trapezoidal cross-section, characterised in that the bumps (22) are formed on the sheet (16) in such an orientation that their trapezoidal cross-section diverges towards the actuator (18), and the bumps (22) are bonded to the actuators (18) by means of an adhesive (28).

IPC 8 full level  
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Citation (applicant)  
• JP 2003039669 A 20030213 - HITACHI KOKI KK  
• JP H07276626 A 19951024 - SEIKO EPSON CORP  
• EP 0820869 A1 19980128 - OCE TECH BV [NL]

Citation (search report)  
• [A] JP 2003039669 A 20030213 - HITACHI KOKI KK  
• [A] JP H0781058 A 19950328 - HITACHI KOKI KK  
• [A] EP 0563603 A2 19931006 - SEIKO EPSON CORP [JP]  
• [A] JP H11342610 A 19991214 - SEIKO EPSON CORP  
• [A] EP 0956955 A2 19991117 - NEC CORP [JP]  
• [A] US 2002073543 A1 20020620 - KODA TOMOHIKO [JP], et al  
• [A] JP H10278263 A 19981020 - CITIZEN WATCH CO LTD

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Designated extension state (EPC)  
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