

Title (en)
Noise prevention in an ink jet printhead.

Title (de)
Farbstrahl Druckkopf mit Störungsbeseitigung.

Title (fr)
Tête d'impression par jet d'encre antiparasite.

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Application
EP 94306488 A 19940902

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Abstract (en)
The present invention is directed to resolve the noise problem with the ink in an ink jet head without changing the substrate manufacturing process for the ink jet head, that is, increasing the cost on the manufacture, and without needs of disposing a noise countermeasure component on the side of the printer main device, or making the design change for the countermeasure. The present invention is characterized in that to prevent malfunction from arising by the noise, a hysteresis circuit 101 to provide different input data threshold values upon rising and falling is provided on an input portion of the signal for a drive control logic system such as a drive input signal for a shift register 404 and a latch circuit 403 on the same substrate as that of the heating elements 401, the driver 402 and the drive control logic circuit, utilizing a diffusion layer constituting a driver 402.
<IMAGE>

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IPC 8 full level
B41J 2/05 (2006.01); **B41J 2/16** (2006.01)

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Cited by
EP1078752A3; EP0694391A3; US6054689A; US6474782B1

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