

Title (en)

Ink jet printing apparatus, a driving device for driving the ink jet printing apparatus, and an ink jet printing method

Title (de)

Tintenstrahldruckvorrichtung, Vorrichtung zum Treiben einer Tintenstrahldruckvorrichtung und Tintenstrahldruckverfahren

Title (fr)

Appareil d'impression à jet d'encre, dispositif pour entraîner l'appareil d'impression à jet d'encre et procédé d'impression à jet d'encre

Publication

**EP 0750988 A3 19970730 (EN)**

Application

**EP 96109845 A 19960619**

Priority

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Abstract (en)

[origin: EP0750988A2] An image signal, outputted from a host machine, is temporarily stored in an image signal buffer, and converted into bit signals for the heat generating resistors in an image processing circuit. Temperature information is derived from a thermistor attached to a ink jet print head, and converted into a digital signal by an A/D converter, and the digital signal is sent to a processor. The processor determines a correction level on the basis of the location of a block and the number of concurrent drives while referring to a correction-level determining table. The processor then determines a drive pulse condition on the basis of the correction level and a temperature of the ink jet print head while referring to a look-up tables. A drive pulse control circuit prepares a drive pulse signal on the basis of the bit signals of one line and the drive pulse condition, and drives the ink jet print head. <IMAGE>

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Citation (search report)

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