

Title (en)

A METHOD FOR LOCATING A TEMPERATURE SENSOR ON A BOARD OF AN INK-JET RECORDING HEAD

Title (de)

VERFAHREN ZUM ORTEN EINES TEMPERATURSENSORS AUF EINEM TINTENSTRAHLAUFEICHNUNGSKOPFSUBSTRAT

Title (fr)

METHODE DE PLACEMENT D'UN CAPTEUR DE TEMPERATURE SUR UN SUBSTRAT D'UNE TETE D'ENREGISTREMENT PAR JET D'ENCRE

Publication

EP 0478781 B1 20051207 (EN)

Application

EP 91904346 A 19910226

Priority

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- JP 9100251 W 19910226

Abstract (en)

[origin: EP0478781A1] An ink-jet recording head for jetting ink by imparting heat energy to the ink, wherein heaters (8a, 8b) for keeping a substrate warm are provided on the substrate (1) provided with a jet heater unit (6) as a group of jetting heaters (5) generating heat energy at both sides of the jet heater unit (6) as well as sensors (2a, 2b) for sensing the temperature of the substrate are provided. The sensors (2a, 2b) are disposed in such positions that lengths of time, during which temperature variations exhibit influences when certain fixed jetting heaters only are driven and when the warmth keeping heaters (8a, 8b) only are driven, respectively, are approximately equal to each other. Temperature of the recording head can be controlled with high precision and excellent responsiveness, and stably with such arrangement as above.

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- EP 0353925 A2 19900207 - CANON KK [JP]

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