

Title (en)

SWITCHING CIRCUIT FOR THE TEMPERATURE-DEPENDENT VOLTAGE REGULATION OF PIEZOELECTRIC PRINTING NOZZLES IN MOSAIC INK JET PRINTERS

Publication

**EP 0013918 B1 19830720 (DE)**

Application

**EP 80100141 A 19800111**

Priority

DE 2903339 A 19790129

Abstract (en)

[origin: US4275402A] A circuit arrangement for piezo-electric recording nozzles, in ink mosaic recording devices, to effect a temperature regulation of the control voltages therefor in which the respective recording nozzles are each provided with a control circuit for individually controlling the respective nozzles and which may be individually adjusted, in combination with a regulating circuit which is common to all of the control circuits, and includes temperature-dependent means for controlling the regulating means, whereby the latter supplies at its output a voltage which varies in accordance with the environmental temperature at such temperature-dependent means.

IPC 1-7

**B41J 3/04**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0013918 A1 19800806**; **EP 0013918 B1 19830720**; AU 525216 B2 19821028; AU 5497780 A 19800807; CA 1129479 A 19820810; DE 2903339 A1 19800731; DE 2903339 B2 19801113; DE 2903339 C3 19870619; JP S55101473 A 19800802; JP S6058700 B2 19851221; MX 148250 A 19830330; US 4275402 A 19810623; ZA 80476 B 19810325

DOCDB simple family (application)

**EP 80100141 A 19800111**; AU 5497780 A 19800125; CA 344446 A 19800125; DE 2903339 A 19790129; JP 923780 A 19800129; MX 18095080 A 19800125; US 10684179 A 19791226; ZA 80476 A 19800128