

Title (en)

APPARATUS AND METHOD FOR SUPPLYING A THERMAL-PRINTING HEAD

Publication

EP 0216684 A3 19870805 (FR)

Application

EP 86401921 A 19860902

Priority

- FR 8513000 A 19850902
- FR 8611089 A 19860731

Abstract (en)

[origin: US4737800A] Method and device to supply, from a source of alternating voltage (5a or 5b), a thermal printing head (3) comprising a number of heater units (3a, 3b). The device comprises a means (6a to 6d) of obtaining a rectified voltage, a means (8) of detecting the points when the alternating voltage or the rectified voltage change to zero and to produce a detection signal, a means (9) of synchronizing, with this detection signal, the heating of particular heater units and a means (7a, 7b) to absorb current.

IPC 1-7

B41J 3/20

IPC 8 full level

B41J 2/355 (2006.01)

CPC (source: EP US)

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Citation (search report)

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- [A] FR 2350200 A1 19771202 - NORTHERN TELECOM LTD [CA]
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- [A] IBM TECHNICAL DISCLOSURE BULLETIN, vol. 22, no. 5, octobre 1979, page 2023, Armonk, New York, US; G.M. HEILING et al.: "Thermal print head power supply regulator"
- [A] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 267 (M-343)[1704], 7 décembre 1984; & JP-A-59 138 478 (CANON K.K.) 08-08-1984

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