

Title (en)  
APPARATUS AND METHOD FOR SUPPLYING A THERMAL-PRINTING HEAD

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Application  
**EP 86401921 A 19860902**

Priority  
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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.

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IPC 8 full level  
**B41J 2/355** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
• [A] US 4268838 A 19810519 - NAKANO KAZUO, et al  
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• [A] PROCEEDINGS OF THE S.I.D., vol. 21, no. 2, 1980, pages 165-169, Los Angeles, US; K. SAITO et al.: "High-speed thermal recording"  
• [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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