

Title (en)

Parasitic resistance compensation for thermal printers.

Title (de)

Kompensation des parasitären Widerstands für Thermodrucker.

Title (fr)

Compensation de résistance parasite pour imprimantes thermiques.

Publication

EP 0648608 A1 19950419 (EN)

Application

EP 94114525 A 19940915

Priority

US 13731493 A 19931014

Abstract (en)

A thermal printhead (26) having a plurality of from a power supply (32). The current is directed to selected ones of a plurality of resistive heat elements (44-1...44-N) in response to a sequence of data bits corresponding to the image to be recorded. The number of selected resistive heat elements is determined by the current to the printhead (26) or by counting the number of data bits and a signal representative of the number of selected resistive heat elements (44-1...44-N) is produced. The duration of the application of current to the selected resistive heat elements is adjusted responsive to the sensed voltage across resistive heat elements receives electrical current the selected print head. <IMAGE>

IPC 1-7

B41J 2/36

IPC 8 full level

B41J 2/35 (2006.01); **B41J 2/36** (2006.01); **B41J 2/37** (2006.01)

CPC (source: EP)

B41J 2/36 (2013.01)

Citation (search report)

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- [A] EP 0202922 A2 19861126 - NCR CANADA [CA]
- [DA] US 4774528 A 19880927 - KATO NOBUHISA [JP]
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- [A] PATENT ABSTRACTS OF JAPAN

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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