

Title (en)

Method for calibrating the heating elements in a thermal head of a thermal printing system.

Title (de)

Kalibrierungsverfahren für Heizelemente eines thermischen Kopfes in einem Thermodrucksystem.

Title (fr)

Procédé de calibrage des éléments chauffants d'une tête thermique d'un système d'impression.

Publication

EP 0601658 A1 19940615 (EN)

Application

EP 93203404 A 19931203

Priority

EP 92203816 A 19921209

Abstract (en)

A method for calibrating the heating elements in a thermal head of a thermal printing system, containing initial configuration settings, at least for the highest value of resistance of a heating element (Rmax) or the largest value of power which can be dissipated in each heating element (Pmin), and comprising the steps of activating each heating element under simulated operational conditions taking into account said initial configuration settings, measuring the current through each heating element and calculating the resistance or the dissipated power of each heating element, to obtain new values for Rmax or Pmin. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [DA] EP 0458507 A2 19911127 - HEWLETT PACKARD CO [US]
- [A] WO 9114577 A1 19911003 - DOWTY MARITIME LTD [GB]
- [A] E. SASAKI ET AL.: "high quality recording in thermal dye transfer printing", PROCEEDINGS OF THE FIFTH INTERNATIONAL CONGRESS IN ADVANCES IN NON-IMPACT PRINTING TECHNOLOGIES, 12 November 1989 (1989-11-12), SAN DIEGO, CALIFORNIA (US), pages 477 - 484, XP000138923
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 487 (M - 778)<3334> 20 December 1988 (1988-12-20)
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 244 (M - 834) 7 June 1989 (1989-06-07)

Cited by

EP0714780A1; EP0778150A3; US5825394A; EP0835760A1; US5608442A; US6249299B1; US11237502B2; WO9606739A3

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