

Title (en)

Drive control apparatus for thermal head.

Title (de)

Steuervorrichtung für Thermo-Druckkopf.

Title (fr)

Dispositif de commande pour tête d'impression thermique.

Publication

EP 0501707 A2 19920902 (EN)

Application

EP 92301499 A 19920224

Priority

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- JP 3995291 A 19910306
- JP 7099391 A 19910403

Abstract (en)

A drive control apparatus for a thermal head, capable of controlling application energy given to heater elements in the thermal head on the basis of not only history information of a present heater element but also print information including print history information of heater elements adjacent to the present heater element. A print information processing is carried out based on the print history information of the present heater element, the print information of the adjacent heater elements, and the print history information of the preceding and two times before print information of the adjacent heater elements. One example of this processing circuit includes an OR circuit for a logical sum of the preceding and two times before print information of the adjacent heater element, an AND circuit for a logical product of this OR output and a print speed signal, and an OR circuit for a logical sum of this AND output and the print information of the adjacent heater element.

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Cited by

US5739837A; EP0732215A4; EP0811490A3; EP0811500A3; US5909233A; EP0774358A1; US5809214A; US6330012B1; US5559547A; US6252616B1

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