

Title (en)
THERMAL DYE TRANSFER PRINTING METHOD WITH ELECTRICAL LOSS COMPENSATION

Title (de)
FARBETHERMODRUCKVERFAHREN MIT KOMPENSATION DER ELEKTRISCHEN VERLUSTE

Title (fr)
PROCEDE D'IMPRESSION PAR TRANSFERT THERMIQUE DE COLORANTS, A COMPENSATION DE PERTES ELECTRIQUES

Publication
EP 0819064 B1 19990210 (FR)

Application
EP 96910996 A 19960328

Priority
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• FR 9504286 A 19950404

Abstract (en)
[origin: WO9631352A1] A thermal printing method using a printing head (6, 20) with a plurality of resistive points (Pi) activated by the pulses of a supply voltage (Va) that fluctuates (DELTA V) depending on the number (N) of simultaneously activated resistive points (Pi). The activation of the resistive points (Pi) is controlled by a control signal (STRB) with a duration determined so that the energy (e) delivered to the resistive points (Pi) by each pulse is unaffected by the fluctuations (DELTA V) of the supply voltage (Va). The control signal (STRB) includes a first pulse (STRA) with a fixed, predetermined duration (To), followed by a second pulse (STRA+) with a variable duration (t), the duration (t) of the second pulse (STRA+) being determined during the duration (To) of the first pulse (STRA) depending on the actual value (V) of the supply voltage (Va).

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