

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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