

Title (en)

Thermal printing head with protective element

Title (de)

Thermodruckkopf mit Schutzelement

Title (fr)

Tête d'impression thermique avec element de protection

Publication

EP 1666260 A1 20060607 (DE)

Application

EP 04028640 A 20041203

Priority

EP 04028640 A 20041203

Abstract (en)

The machine has a thermal printing head, which moves between a neutral position, at which the head moves away from a counter pressure roller, and a printing position, at which the head moves towards the roller. A print medium moves via a gap between the head and the roller. An electric motor moves the head protection unit (26) between protection and unblocking positions when the head is in neutral and printing positions, respectively. An independent claim is also included for an application of a printing machine in a ticket-coding device.

IPC 8 full level

B41J 2/32 (2006.01); **B41J 13/12** (2006.01); **B41J 25/304** (2006.01)

CPC (source: EP)

B41J 25/304 (2013.01)

Citation (applicant)

- DE 3406470 C1 19850829 - KUNZ KG
- DE 10116584 A1 20020926 - HENGSTLER GMBH [DE]

Citation (search report)

- [X] PATENT ABSTRACTS OF JAPAN vol. 007, no. 173 (M - 232) 30 July 1983 (1983-07-30)
- [X] PATENT ABSTRACTS OF JAPAN vol. 015, no. 321 (M - 1147) 15 August 1991 (1991-08-15)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1666260 A1 20060607; **EP 1666260 B1 20110525**; AT E510698 T1 20110615; ES 2367002 T3 20111027

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