

Title (en)
APPARATUS FOR THERMAL TRANSFER PRINTING

Publication
EP 0301512 B1 19920122 (DE)

Application
EP 88112151 A 19880727

Priority
DE 3724827 A 19870727

Abstract (en)
[origin: EP0301512A2] In a thermal transfer printing device comprising a housing (10), a transport mechanism (20, 24) for a flat recording carrier (22), a transport mechanism (40, 42) for an ink ribbon (38) carrying an ink capable of being thermally activated, which is led parallel to the recording carrier (22) for a part of its transport path, is capable of being pressed against the carrier (22) and has a mounting for an ink-ribbon supply reel (40) and a driveable take-up roller (42), with which a heating device is associated in such a way that the colour layers of the ink-ribbon roll melt, as well as a thermal head (26) arranged in the area of contact and extending at least approximately over the width of the ink-ribbon (38), the inkribbon (38) runs on to the take-up roller (42) in such a way that the colour layers are inside, a heater bar (46) being provided as a heating device which extends parallel to the take-up roller and approximately over the length of the latter, is mounted so as to be able to move perpendicularly to the axis of the roller and is pre-tensioned against the circumferential surface of the ink-ribbon roll. <IMAGE>

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B41J 2/32; B41J 35/38

IPC 8 full level
B41J 2/32 (2006.01); **B41J 2/325** (2006.01); **B41J 17/38** (2006.01); **B41J 35/38** (2006.01)

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B41J 2/325 (2013.01); **B41J 17/38** (2013.01)

Citation (examination)
• PATENT ABSTRACTS OF JAPAN, Band 10, nr. 171 (M-489) (2227), 17 Juni 1986; JP - A - 61 020 785 (FUJI XEROX K.K.) 29.01.1986
• PATENT ABSTRACTS OF JAPAN, Band 11, nr. 120 (M-580) (2567), 15 April 1987; JP - A - 61 261 086 (SHARP CORP.) 19.11.1986
• PATENT ABSTRACTS OF JAPAN, Band 9, nr. 316 (M-438) (2039), 12 Dezember 1985; JP - A - 60 151 089 (TOKYO DENKI K.K.) 08.08.1985

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US5821975A; EP0730974A3; WO2013041621A1; WO2011061330A2

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