

Title (en)
Thermal ink jet printer.

Title (de)
Thermischer Farbstrahldrucker.

Title (fr)
Imprimante à jet d'encre thermique.

Publication
EP 0195863 A1 19861001 (EN)

Application
EP 85302146 A 19850327

Priority
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Abstract (en)
An ink jet printer utilizing a film (1) having a plurality of ink filled holes (2) passing in front of a thermal head (5) having thermal heating elements (4) which may be energized to spout or eject ink (8) onto a record medium (11). By appropriate film and record medium motion coupled with selective energization of the thermal elements (4) in a variety of configurations, both line and serial printing may be achieved. Coloured inks may be combined to provide full colour reproduction. The film may be an endless sheet carried on rollers (9, 15) and inked in an ink tank (7), or a reciprocating sheet passing in front of the thermal head. The use of sponge rollers (16) for inking the film may also be employed.

IPC 1-7
B41J 3/20; B41J 3/04

IPC 8 full level
B41J 2/14 (2006.01)

CPC (source: EP)
B41J 2/14161 (2013.01)

Citation (search report)
• [Y] EP 0014918 A1 19800903 - SMH ALCATEL [FR]
• [Y] US 3834301 A 19740910 - CROQUELOIS J, et al
• [A] US 3640214 A 19720208 - SCHEINHUTTE HANS-JURGEN
• [A] GB 2142583 A 19850123 - NIPPON TELEGRAPH & TELEPHONE
• [A] FR 2368362 A1 19780519 - IBM [US]

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US4801951A; EP0201177A3; US5801742A; GB2206082A; GB2206082B; US4801953A; US4797693A; US9004631B1

Designated contracting state (EPC)
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