

Title (en)
SYSTEM FOR DRIVING THERMAL HEAD OF DYE THERMAL PRINTER

Publication
EP 0516091 A3 19930310 (EN)

Application
EP 92108963 A 19920527

Priority
JP 12144691 A 19910527

Abstract (en)
[origin: EP0516091A2] A system for driving the thermal head (10) of a dye thermal printer for controlling energizing time of heating resistors (11) by applying a drive pulse having a pulse width corresponding to a modulation density of an input data every time the data is input thereto, characterized in that the drive pulse having the pulse width corresponding to the modulation density is applied to the heating resistor (11) until the modulation density reaches a given modulation density and repetition pulses having a given interval are applied thereto when the modulation density exceeds the given modulation density so that the high speed printing can be realized compared with the conventional system by preventing the transfer film (30) from being crumpled. <IMAGE>

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IPC 8 full level
B41J 2/355 (2006.01); **B41J 2/36** (2006.01)

CPC (source: EP)
B41J 2/36 (2013.01)

Citation (search report)
• [X] US 4984092 A 19910108 - KATO NOBUHISA [JP], et al
• [Y] US 4675695 A 19870623 - SAMUEL ROBERT A [US]
• [A] WO 9003554 A1 19900405 - DATACARD CORP [US]
• [Y] PATENT ABSTRACTS OF JAPAN vol. 11, no. 25 (M-556)23 January 1987 & JP-A-61 197 257 (SHINKO ELECTRIC CO LTD) 1 September 1986
• [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 327 (M-635)24 October 1987 & JP-A-62 108 072 (NIPPON KOGAKU KK (NIKON)) 19 May 1987
• [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 85 (M-206)(1230) 9 April 1983 & JP-A-58 11 184 (SONY K.K.) 21 January 1983

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