

Title (en)

A CONTROL SYSTEM FOR A PRINTER

Publication

EP 0372844 A3 19901128 (EN)

Application

EP 89312546 A 19891201

Priority

US 27886688 A 19881202

Abstract (en)

[origin: EP0372844A2] The invention relates to a control system for controlling the movement of a print head (22) mounted on a carriage (54) in a printer (12). A timing strip (68) is molded integral with the frame (69) of the printer (12) and positioned under the carriage (54). An optical sensor (74) is secured to the underside of the carriage (54) and positioned to straddle the timing strip (68) as the carriage is driven back and forth across the printer (12). Control means (76,78,80) responsive to output signals from the optical sensor (74) verify when the carriage (54) is at a home position and detects when a jam condition has occurred.

IPC 1-7

B41J 19/20

IPC 8 full level

B41J 19/18 (2006.01); **B41J 19/20** (2006.01); **B41J 29/46** (2006.01)

CPC (source: EP)

B41J 19/207 (2013.01)

Citation (search report)

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- [A] WO 8503036 A1 19850718 - NCR CO [US]
- [A] EP 0141243 A1 19850515 - MECHATRON SYSTEMS INC [US]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 63 (M-200)[1208], 16th March 1983; & JP-A-57 207 080 (TOKYO SHIBAURA DENKI K.K.) 18-12-1982
- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 145 (M-224)[1290], 24th June 1983; & JP-A-58 56 885 (SANYO DENKI K.K.) 04-04-1983
- [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 80 (M-370)[1803], 10th April 1985; & JP-A-59 209 895 (RICOH K.K.) 28-11-1984

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