

Title (en)
POSITION INDICATOR FOR HIGH SPEED PRINTERS

Publication
EP 0107501 A3 19850828 (EN)

Application
EP 83306463 A 19831025

Priority
US 43694982 A 19821027

Abstract (en)
[origin: EP0107501A2] This invention provides a printer, having an elongate platen and a print head carriage adapted for relative movement therebetween longitudinally of the platen, in which a position indicator ascertains the position and direction of motion of said carriage longitudinally of said platen. The indicator comprises an optical position encoder rotatably mounted on an axis fixed longitudinally of said platen, and a carriage position responsive means connected to said carriage and said encoder to transmit said relative movement to said encoder to rotate said encoder in synchronism with said relative movement. The encoder has a pattern of detectable indicia and a detector is responsive to said indicia to provide a signal indicative of said position.

IPC 1-7
B41J 3/12; **B41J 19/20**

IPC 8 full level
B41J 19/18 (2006.01); **B41J 2/235** (2006.01); **B41J 2/51** (2006.01); **B41J 19/20** (2006.01)

CPC (source: EP)
B41J 2/235 (2013.01); **B41J 19/202** (2013.01); **B41J 19/205** (2013.01)

Citation (search report)
• [A] FR 2157187 A5 19730601 - SAGEM
• [A] GB 2012089 A 19790718 - RANK ORGANISATION LTD
• [A] FR 2407077 A1 19790525 - GEN ELECTRIC [US]
• [A] FR 2393355 A1 19781229 - NIPPON ELECTRIC CO [JP]
• [A] FR 2294852 A1 19760716 - NIPPON ELECTRIC CO [JP]

Cited by
US6194859B1; GB2356600A; GB2356600B; US6568777B1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
EP 0107501 A2 19840502; **EP 0107501 A3 19850828**; CA 1218263 A 19870224; JP S59131484 A 19840728

DOCDB simple family (application)
EP 83306463 A 19831025; CA 439651 A 19831025; JP 20187383 A 19831027