

Title (en)

UNIVERSAL PAPER FEEDING DEVICE FOR SHEETS AND WEBS IN LINE PRINTERS

Publication

EP 0099120 A3 19841003 (DE)

Application

EP 83106840 A 19830712

Priority

DE 3226510 A 19820715

Abstract (en)

[origin: US4475833A] A universal paper transport mechanism for feeding both continuous form and single sheet paper to a printer includes pin belt tractors longitudinally displaceable along a guide bar transversed to the direction of movement of the paper, the tractor is driven from a laterally positioned motor. The tractor drive transport mechanism is pivotable from a horizontal position to a vertical position and attachable and detachable guiding elements are provided for use with single sheet paper, and are affixable to the tractor transport mechanism in an area adjacent and above a printing station area. The guiding elements are substantially symmetrical relative to one another and can be attached to the guide strip of the tractor transport mechanism on which the individual pin belt tractor assemblies are guided.

IPC 1-7

B41J 13/10; **B41J 11/30**; **B41J 15/06**

IPC 8 full level

B41J 11/30 (2006.01); **B41J 11/48** (2006.01); **B41J 13/10** (2006.01)

CPC (source: EP US)

B41J 11/30 (2013.01 - EP US); **B41J 11/48** (2013.01 - EP US); **B41J 13/103** (2013.01 - EP US)

Citation (search report)

- [A] US 1646394 A 19271025 - ENGELSIEPEN JOHN W
- [A] DE 2855253 A1 19800703 - OLYMPIA WERKE AG
- [A] DE 1436717 A1 19681114 - SPERRY RAND CORP
- [A] DE 350164 C 19220314 - TRIUMPH WERKE NUERNBERG AG
- [A] FR 1391664 A 19650312
- [AD] DE 2827125 A1 19800110 - STEINHILBER HELMUT
- [XP] PATENTS ABSTRACT OF JAPAN, Band 6, Nr. 224(M-170)(1102), 9. November 1982; & JP - A - 57 128 577 (MATSUSHITA DENKI SANGYO K.K.) 10.08.1982
- [A] IBM TECHNICAL DISCLOSURE BULLETIN, Band 18, Nr. 5, Oktober 1975, Seiten 1305-1306, New York, USA; R.D. MATHEWS: "Paper feed"

Cited by

EP0175155A1; US4936696A; EP0191984A1; US4742946A

Designated contracting state (EPC)

BE FR GB IT NL

DOCDB simple family (publication)

EP 0099120 A2 19840125; **EP 0099120 A3 19841003**; **EP 0099120 B1 19870401**; DE 3226510 A1 19840126; DE 3226510 C2 19840712; US 4475833 A 19841009

DOCDB simple family (application)

EP 83106840 A 19830712; DE 3226510 A 19820715; US 51032583 A 19830701