

Title (en)

Device and method for controlling web tension

Title (de)

Vorrichtung und Verfahren zur Steuerung der Bahnspannung

Title (fr)

Dispositif et procédé de commande de la tension d'une bande

Publication

**EP 1136257 A3 20030319 (DE)**

Application

**EP 01104520 A 20010302**

Priority

US 53446600 A 20000324

Abstract (en)

[origin: EP1136257A2] Press has PLC (50) connected to LAN (40) with drive controller (52) to regulate speed of paper path through cooling unit. PLC is controlled and programmed by external control unit (60), a PC. When press is switched to print operation, PLC sends signal to infeed (12), which has compensating roller, to increase infeed tension. When press returns to non-print mode, web tension is reduced in section between infeed and print units to prevent harm to web in units after the print units.

IPC 1-7

**B41F 13/02**

IPC 8 full level

**B41F 13/02** (2006.01); **B41F 13/56** (2006.01); **B41F 33/06** (2006.01); **B65H 35/08** (2006.01); **B65H 77/00** (2006.01)

CPC (source: EP US)

**B41F 13/02** (2013.01 - EP US); **B41P 2233/00** (2013.01 - EP US); **Y10S 101/42** (2013.01 - EP US)

Citation (search report)

- [E] EP 1136258 A2 20010926 - ROLAND MAN DRUCKMASCH [DE]
- [A] DE 19712689 A1 19981001 - HEIDELBERGER DRUCKMASCH AG [DE]
- [AD] US 5791541 A 19980811 - JITSUISHI YASUO [JP], et al

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EP1826002A3; CN110347107A; EP1518805A3

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