

Title (en)

Apparatus for adjusting web tension after a chilling unit in a printing press

Title (de)

Vorrichtung zum Regeln der Bahnspannung nach einer Kühleinrichtung in einer Druckmaschine

Title (fr)

Dispositif pour ajuster la tension de la bande après un dispositif refroidisseur dans une machine à imprimer

Publication

EP 0893252 A3 19991013 (DE)

Application

EP 98112722 A 19980709

Priority

US 89961597 A 19970724

Abstract (en)

[origin: EP0893252A2] The dancing roller arrangement with lever arm (40) and guided along parallel rails is positioned between the draw rollers (6,7) forming an outlet-gap at the outlet to the cooler unit (2-6), and the draw rollers (9) forming an entry gap at the entry to the longitudinal cutter unit. The web is in contact with one dancing roller (20). A control unit (90) connected to the dancing roller detects any change in the dancing roller's position, and regulates the rotary speed of one of the drawing rollers. A position-sensor (60) sends a deviation-signal to the control unit giving the distance between the momentary and neutral position of the dancing roller. A force-equaliser in the form of an air cylinder (30) exerts force on the dancing roller.

IPC 1-7

B41F 13/02; B65H 23/04; B65H 23/16; B41F 23/04

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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EP 0893252 A2 19990127; **EP 0893252 A3 19991013**; **EP 0893252 B1 20021211**; DE 59806595 D1 20030123; US 5927196 A 19990727

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