

Title (en)

Printing press with web tension control

Title (de)

Druckmaschine mit Bahnspannungsregelung

Title (fr)

Machine à imprimer avec une régulation de la tension d'une bande de matériaux

Publication

EP 1826002 A3 20090225 (DE)

Application

EP 06125386 A 20061205

Priority

DE 102006008835 A 20060225

Abstract (en)

[origin: EP1826002A2] The machine has a set of rollers (3, 7, 9) driven and speed controlled by a controller arrangement. The controller arrangement is arranged such that rotation speed desired value of the cooling roller (3) is provided in variable relation to rotation speed desired value of one of the driven rollers (7, 9). A measuring point (16) is assigned to the cooling roller. The measuring point of the cooling roller detects tension of a material web wound on the cooling roller. An independent claim is also included for a method for regulating web tension in a printing machine.

IPC 8 full level

B41F 13/02 (2006.01); **B41F 23/04** (2006.01); **B65H 23/00** (2006.01); **B65H 23/192** (2006.01)

CPC (source: EP)

B41F 13/02 (2013.01); **B41F 23/0476** (2013.01); **B41F 23/0479** (2013.01); **B65H 23/1888** (2013.01); **B65H 23/192** (2013.01); **B41P 2213/734** (2013.01); **B65H 2301/5144** (2013.01); **B65H 2513/10** (2013.01); **B65H 2553/26** (2013.01); **B65H 2801/21** (2013.01)

Citation (search report)

- [XY] EP 1136257 A2 20010926 - HEIDELBERGER DRUCKMASCH AG [DE]
- [XDY] EP 1136258 A2 20010926 - ROLAND MAN DRUCKMASCH [DE]
- [Y] EP 1097891 A1 20010509 - VITS MASCHINENBAU GMBH [DE]
- [X] EP 1201429 A2 20020502 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by

CN110064573A; CN112110261A; WO2013087249A1; WO2010054910A3; WO2010054910A2; US8256345B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1826002 A2 20070829; **EP 1826002 A3 20090225**; **EP 1826002 B1 20100310**; AT E460278 T1 20100315; DE 102006008835 A1 20070830; DE 102006008835 B4 20080821; DE 502006006389 D1 20100422

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