

Title (en)

PRINTING MACHINE AND PROCESS TO CONTROL WEB TENSION

Title (de)

DRUCKMASCHINE UND EIN VERFAHREN ZUR REGELUNG EINER BAHNSPANNUNG

Title (fr)

MACHINE D'IMPRESSION ET PROCÉDÉ DE CONTRÔLE DE LA TENSION

Publication

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Application

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Abstract (en)

[origin: WO2012163614A1] The invention relates to a printing machine having at least one printer unit comprising at least one inkjet printhead, a central printing cylinder, and a drive motor of its own dedicated to the central printing cylinder. A conveying path of a printing material web through the printing machine has at least one first section and one second section, each defined by contact points of the printing material, which have motor-powered rotation bodies. At least the first section has a dedicated first measuring device for measuring a web tension of the printing material web in the first section. At least the second section has a dedicated second measuring device for measuring the web tension of the printing material web in the second section. A machine controller is arranged, by means of which the web tension in at least the first section and/or in the second section of the conveying path of the printing material web can be adjusted and/or is adjusted, taking into consideration at least both a measuring result from the first measuring device and a measuring result from the second measuring device. The invention further relates to a method for adjusting a web tension of a printing material web.

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