

Title (en)

DEVICE AND METHOD FOR MUTUAL ENGAGEMENT OF AT LEAST TWO CYLINDERS OF A PRINTING MACHINE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM GEGENSEITIGEN ANSTELLEN ZUMINDEST ZWEIER ZYLINDER EINER DRUCKMASCHINE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE RÉGLAGE MUTUEL D'AU MOINS DEUX CYLINDRES D'UNE MACHINE À IMPRIMER

Publication

EP 2440408 B1 20150114 (DE)

Application

EP 10755086 A 20100607

Priority

- EP 2010003397 W 20100607
- DE 102009025053 A 20090610

Abstract (en)

[origin: WO2010142405A2] Described is a printing machine (1) with at least one inking unit (5) which comprises at least two cylinders (2, 8, 9, 41, 42) which are set against each other during the printing operation and can be rotated by means of at least one drive. The printing machine (1) is provided with sensors for recording parameters of the rotary motion of the cylinders (2, 8, 9, 41, 42) such as the torque and rotation speed generated by the at least one drive. The printing machine (1) is provided with setting means for setting the at least two cylinders against each other in radial direction. The printing machine (1) is operatively connected to a control unit which can trigger the setting means. The control unit is configured such that it triggers the following steps in order to set the at least two cylinders against each other: the at least two cylinders, which are set apart from each other, are brought to different circumferential velocities; the two cylinders are set against each other by the setting means; the relative position of the two cylinders is recorded or maintained when at least one parameter of the rotary motion of the at least two cylinders exceeds a threshold value. The control unit is configured to operate the at least one drive in field-weakening mode while the cylinders are being set against each other.

IPC 8 full level

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CPC (source: EP US)

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