

Title (en)

PRINTING MECHANISM FOR A FLEXOGRAPHIC PRINTING PRESS, AND A METHOD FOR OPERATING SAME

Title (de)

DRUCKWERK FÜR EINE FLEXODRUCKMASCHINE UND VERFAHREN ZU DESSEN BETRIEB

Title (fr)

GROUPE D'IMPRESSION POUR MACHINE D'IMPRESSION FLEXOGRAPHIQUE ET PROCÉDÉ DE FONCTIONNEMENT DUDIT GROUPE

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Application

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Abstract (en)

[origin: WO2015117806A1] The invention relates to a printing mechanism (10) for a flexographic printing press, comprising - a plate cylinder (12) which supports a printing plate (18) having a printing motif region and a printing plate reference field (100) that has a plurality of reference field surfaces (101-105) of different heights, at least one lowest reference field surface (101) being a lower height than that of the printing plate (18) in the printing motif region, and at least one highest reference field surface (105) being a greater height than that of the printing plate in the printing motif region, - an impression cylinder (28) whose distance to the plate cylinder (12) can be varied, controlled by a control unit, for the purpose of pressing a printing substrate (30) onto the printing plate (18), - an inking roller (20) whose distance to the printing plate (18) can be varied, controlled by the control unit, and whose surface can be wetted with ink from an attached ink reservoir (22), for the purpose of inking said plate, - a first sensor (34) connected to the control unit for determining a quality of a printing image of the printing plate reference field (100) on the printing substrate (30), and - a second sensor (36) connected to the control unit for determining a quality of a negative image of the printing plate reference field (100) on said inking roller (20). The invention also relates to a method for operating same.

IPC 8 full level

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Citation (search report)

See references of WO 2015117806A1

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