

Title (en)

Method for compensating circumferential register errors caused by oscillation in a sheet-fed printing press

Title (de)

Verfahren zur Kompensation schwingungsbegründeter Umfangsregisterfehler in einer Bogendruckmaschine

Title (fr)

Procédé de compensation d'erreur d'enregistrement circonférentiel fondé sur les oscillations dans une presse au sol

Publication

EP 1916106 B1 20130109 (DE)

Application

EP 07117690 A 20071002

Priority

DE 102006050208 A 20061025

Abstract (en)

[origin: EP1916106A2] The method involves determining an actual vibration state of a sheet-fed printing press by using a rotational vibration sensor or torque sensor, and calculating an effect of determined vibrations of an integer order on a position of color excerpts on a sheet of printing material. A compensating adjustment of a circumferential register of a printing unit is carried out based on the calculated result, where the register is adjusted by adjusting a plate cylinder or by adjusting a cylinder located along a path sheet. An independent claim is also included for a sheet-fed printing press with a set of printing units and a register controller.

IPC 8 full level

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