

Title (en)

Device for controlling the correct positioning of printing plates on the plate cylinder of a printing machine

Title (de)

Vorrichtung zur Kontrolle der registergerechten Anlage von Druckplatten auf dem Plattenzylinder von Druckmaschinen

Title (fr)

Dispositif pour contrôler le positionnement en registre de plaques sur le cylindre porte-plaque de machines à imprimer

Publication

EP 0655331 B1 19970102 (DE)

Application

EP 94117300 A 19941103

Priority

DE 4340052 A 19931124

Abstract (en)

[origin: EP0655331A1] The invention relates to a device for monitoring the positioning in correct register of printing plates on the plate cylinder of printing machines, in particular sheet offset printers, the plate cylinder having stops which are electrically connected to an oscillatory circuit in the region of the clamping rail assigned to the start of printing. A known device of this kind is upgraded in detail such that a more precise determination of the positioning in correct register and in particular the location where the printing plate is not in correct register can be determined. For this purpose, it is proposed to assign to each stop a secondary-side oscillatory circuit with a coil which can then be excited in a specific position of the plate cylinder by means of an adjustable primary coil in each case. In particular, the primary coils are suspended from the plate cylinder in a pivotable fashion by means of a lever-like adjustment device.

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IPC 8 full level

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CPC (source: EP)

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