

Title (en)

Drive of a folding device of a rotary printing machine

Title (de)

Antreib eines Falzapparates einer Rotationsdruckmaschine

Title (fr)

Dispositif d'entrainement d'un appareil de pliage d'une machine à imprimer rotative

Publication

**EP 1275499 A2 20030115 (DE)**

Application

**EP 02020031 A 19960312**

Priority

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- DE 19525169 A 19950711
- EP 96905713 A 19960312

Abstract (en)

A drive system using separate motors (M) for each section of the process. The specification of each motor is determined by the particular needs of its corresponding rotating component such as the perforation rollers (3,4), the folding cylinders (18,34) or the longitudinal folders (24,38). The rotation angle tolerance range for each drive motor is compatible with the component and with that of the other motors. If any drive exceeds the predetermined tolerances a device (63) engages with the track (2,46) to operate a synchronised high-speed stop on all rotating parts. A warning signal is given and tolerance ranges are so dimensioned that no damage occurs to the machine.

Abstract (de)

Ein Falzapparatantrieb einer Rotationsdruckmaschine wird dadurch schwingungsarm ausgebildet, dass jedem antreibbaren rotierenden Bauteil bzw. Baugruppe ein separater Motor zugeordnet ist. Dabei ist der jeweilige Motor formschlüssig mit dem entsprechenden rotierenden Bauteil, wie z. B. Perforierwalzen, Falzklappenzyylinder oder Längsfalzvorrichtungen, verbunden. Eine Regelung der Motoren erfolgt über bekannte elektrische Einrichtungen.

IPC 1-7

**B41F 13/004**

IPC 8 full level

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CPC (source: EP)

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