

Title (en)

Individually driven folding apparatus for a rotary printing machine

Title (de)

Einzeln angetriebener Falzapparat für eine Rotationsdruckmaschine

Title (fr)

Appareil de pliage entraîné individuellement pour une machine d'impression rotative

Publication

EP 0741019 A2 19961106 (DE)

Application

EP 96810253 A 19960419

Priority

DE 19516443 A 19950504

Abstract (en)

The folder is driven by its own drive motor (10) which is coupled mechanically only to the folder. The mechanical coupling is provided by a drive pinion (10.1) on the motor side and by a spur wheel on the cylinder side. The drive can act on the folding flap cylinder or on the cutter cylinder or on the collecting cylinder. The drive motor can drive through a toothed belt any gear wheel in the entire drive train between cutter cylinder and delivery. The drive can also take place on an intermediate wheel in active connection with the drive train with a one-step translation ratio between drive motor and gearwheel. The individual drive allows the folder to turn to any position independently of the position of the printing mechanism.

Abstract (de)

Ein Falzapparat einer Rotationsdruckmaschine mit wenigstens einem Messerzylinder (2) und einem Falzklappenzyylinder (4) wird durch einen Antriebsmotor (10) angetrieben, der mechanisch nur mit dem Falzapparat gekoppelt ist. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

EP1072551A3; DE102006010602A1; EP1260474A1; CN108557509A; US6846279B2; US8001891B2; WO2007071459A1; US6338707B1; WO9851498A3

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