

Title (en)

Apparatus for reducing the cylinder deflection in rotary printing machines

Title (de)

Vorrichtung zum Reduzieren der Zylinderdurchbiegung in Rotationsdruckmaschinen

Title (fr)

Installation pour réduire la flexion d'un cylindre dans des machines d'impression rotatives

Publication

EP 0686502 A3 19961127 (DE)

Application

EP 95810333 A 19950519

Priority

DE 4420355 A 19940610

Abstract (en)

[origin: EP0686502A2] The device includes a drive which applies a variable force and a transmission which converts the drive force into a pretensioning force acting on the roller to counter the bending load. The transmission has a rotatable crank which connects with roller in the area of the journals and which extend, on the machine frame side of the journal bearing or between the bearing and the frame. The transmission has a device attached to the frame and the drive crank which can apply a compressive or tensile load. The device is pref. in the form of a rigid plate which can lock the crank at a pre-set angle. <IMAGE>

IPC 1-7

B41F 13/08

IPC 8 full level

B41F 13/08 (2006.01); **B41F 13/20** (2006.01); **B41F 13/28** (2006.01)

CPC (source: EP)

B41F 13/08 (2013.01); **B41F 13/28** (2013.01)

Citation (search report)

- [XY] DE 2940879 A1 19810423 - ROLAND MAN DRUCKMASCH [DE]
- [XY] US 4372205 A 19830208 - PFLAUM AUGUST [DE]
- [A] DE 2033515 A1 19720608
- [DA] DE 3836972 A1 19890524 - POLYGRAPH LEIPZIG [DD]

Cited by

EP1279496A1; FR2827544A1; US6360982B1; US6834580B2; WO9810199A1

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CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0686502 A2 19951213; EP 0686502 A3 19961127; EP 0686502 B1 20010404; DE 4420355 A1 19951214; DE 4420355 C2 19990923; DE 59509142 D1 20010510; FI 952788 A0 19950607; FI 952788 A 19951211

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