

Title (en)
Stapling device

Title (de)
Heftvorrichtung

Title (fr)
Dispositif pouragrafer

Publication
EP 0744287 A2 19961127 (DE)

Application
EP 96107640 A 19960514

Priority
DE 19518652 A 19950520

Abstract (en)
The binding device is for the cross-binding of product parts (57) in a folding machine coming after a rotary printing press. It has two binding cylinders (11, 12) with binding heads (22) and a counter cylinder (4). It includes a binding cylinder carrier (3) rotating at a certain speed (n3). The carrier carries at least one binding cylinder (11) with its binding head (22) rotating at a different speed (n11). A bending horn (29) inside the carrier acts as a clamp on the binding heads. An internal surface (31) of the bending horn is parallel to the turning axis (6) of the binding cylinder (11).

Abstract (de)
Bei einer Heftvorrichtung zum Querheften von Produktteilen in einem einer Rotationsdruckmaschine nachgeordneten Falzapparat besteht die Aufgabe darin, Schwingungen eines Heftzylinders zu minimieren und außerhalb eines Heftzylinders klammerformende Elemente zu vermeiden. Erfindungsgemäß wird dies durch ein in einem Inneren des Heftzylinderträgers klammerformendes Biegehorn erreicht.

IPC 1-7
B41F 13/66; B42B 4/02

IPC 8 full level
B41F 13/64 (2006.01); **B41F 13/66** (2006.01); **B42B 4/02** (2006.01); **B65H 37/04** (2006.01); **B65H 37/06** (2006.01); **B65H 45/28** (2006.01)

CPC (source: EP US)
B41F 13/66 (2013.01 - EP US); **B42B 4/02** (2013.01 - EP US)

Designated contracting state (EPC)
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DE 19518652 A 19950520; DE 59603264 T 19960514; EP 96107640 A 19960514; JP 11934896 A 19960514; US 65082296 A 19960520