

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)

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**DE 19518652 A1 19961121; DE 19518652 C2 19990812**; DE 59603264 D1 19991111; EP 0744287 A2 19961127; EP 0744287 A3 19970618; EP 0744287 B1 19991006; JP 2717079 B2 19980218; JP H08324880 A 19961210; US 5772097 A 19980630

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