

Title (en)
Stapling device

Title (de)
Heftvorrichtung

Title (fr)
Dispositif pouragrafer

Publication
EP 0744287 A3 19970618 (DE)

Application
EP 96107640 A 19960514

Priority
DE 19518652 A 19950520

Abstract (en)
[origin: EP0744287A2] 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).

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)

Citation (search report)

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- [A] EP 0606555 A1 19940720 - FERAG AG [CH]
- [A] US 2717383 A 19550913 - STOBBS ANTON R
- [DA] DE 2932757 A1 19810226 - ROLAND MAN DRUCKMASCH

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
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

DOCDB simple family (application)
DE 19518652 A 19950520; DE 59603264 T 19960514; EP 96107640 A 19960514; JP 11934896 A 19960514; US 65082296 A 19960520