

Title (en)
Cylinder for transporting signatures

Title (de)
Zylinder zum Transportieren von Signaturen

Title (fr)
Cylindre de transport de cahiers

Publication
EP 0656307 B1 19990609 (DE)

Application
EP 94118471 A 19941124

Priority
• DE 4340858 A 19931201
• US 35322894 A 19941201

Abstract (en)
[origin: US5503071A] A folding cylinder for a web-fed rotary printing press is provided with signature end engaging point spurs. The cylinder is also provided with signature grippers which will engage the signature end or sides so that the point spurs can be retracted at a slower rate of speed to thereby avoid damaging the signature end.

IPC 1-7
B65H 5/14; **B41F 21/10**; **B65H 45/16**

IPC 8 full level
B41F 13/62 (2006.01); **B65H 45/16** (2006.01); **B65H 45/28** (2006.01)

CPC (source: EP US)
B65H 45/165 (2013.01 - EP US); **B65H 2402/00** (2013.01 - EP US)

Cited by
US6093139A; EP0931748A1; FR2774023A1; EP0931747A1; FR2774024A1; US6251053B1

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

DOCDB simple family (publication)
US 5503071 A 19960402; DE 4340858 A1 19950608; DE 4340858 C2 19980212; EP 0656307 A1 19950607; EP 0656307 B1 19990609; JP 2666887 B2 19971022; JP H07206260 A 19950808

DOCDB simple family (application)
US 35322894 A 19941201; DE 4340858 A 19931201; EP 94118471 A 19941124; JP 29864894 A 19941201