

Title (en)  
Deviation device for signatures

Title (de)  
Vorrichtung zum Umlenken von Signaturen

Title (fr)  
Dispositif de renvoi pour des signatures

Publication  
**EP 0988970 A3 20000927 (DE)**

Application  
**EP 99116729 A 19990826**

Priority  
US 15961198 A 19980924

Abstract (en)  
[origin: EP0988970A2] The deflector for alternately transporting signatures (240) towards a number of containers in a web-fed printing machine has a cylindrical gap (350) formed by two cylinders (300,310) and directly in front of a wedge. The cylindrical gap is swiveled on a pivot axis (301,311,380) by means of a swivel arrangement consisting of an eccentric pulley (345) cooperating with a rotary cam (341) for altering the direction in which the signatures travel. The two cylinders are positioned together in a yoke (351).

IPC 1-7  
**B41F 13/54**; **B41F 13/70**; **B65H 29/60**

IPC 8 full level  
**B41F 13/54** (2006.01); **B41F 13/70** (2006.01); **B65H 29/60** (2006.01)

CPC (source: EP US)  
**B41F 13/54** (2013.01 - EP US); **B41F 13/70** (2013.01 - EP US); **B65H 29/60** (2013.01 - EP US); **B65H 2404/2613** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0436404 A2 19910710 - AUTO STAMP INST INC [JP]
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- [Y] EP 0451573 A1 19911016 - HEIDELBERGER DRUCKMASCH AG [DE]
- [AD] EP 0297282 A1 19890104 - ROLAND MAN DRUCKMASCH [DE]

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**EP 0988970 A2 20000329**; **EP 0988970 A3 20000927**; **EP 0988970 B1 20021120**; AT E228063 T1 20021215; DE 19940535 A1 20000330; DE 59903454 D1 20030102; JP 2000095407 A 20000404; US 6186501 B1 20010213

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**EP 99116729 A 19990826**; AT 99116729 T 19990826; DE 19940535 A 19990826; DE 59903454 T 19990826; JP 26905699 A 19990922; US 15961198 A 19980924