

Title (en)  
Folding mechanism for a web-fed rotary printing machine

Title (de)  
Falzwerk für eine Zollenrotationsdruckmaschine

Title (fr)  
Unité de pliage pour une machine à imprimer rotative à bobines

Publication  
**EP 0374917 B2 20010411 (DE)**

Application  
**EP 89123657 A 19891221**

Priority  
US 28918988 A 19881223

Abstract (en)  
[origin: EP0374917A2] A signature conveyor comprises a first conveying means (64) which conveys signatures (40) in sequence to a delivery station (60). At the delivery station (60), the signatures (40) are transferred in sequence to a receiving conveying means (74). A shaping device (126) is positioned at the delivery station (60) in order to reinforce the signatures (40) by shapings (132) being formed in the signatures (40), which shapings extend between their front and their rear end parts (46, 48). Although the shapings (132) are only maintained in the signatures (40) temporarily, the shaping device (126) is mounted sufficiently near to the receiving conveying means (74) for a shaping (132) in a signature (40) to be able to be maintained while the front end part (46) of the signature (40) moves towards the receiving conveying means (74). Thus the shaping device (126) is situated at a distance from the receiving conveying means (74) which is less than the distance between the front and the rear end parts (46, 48) of the signatures (40). <IMAGE>

IPC 1-7  
**B41F 13/56**; **B65H 29/70**; **B65H 45/16**; **B65H 45/22**; **B41F 13/62**

IPC 8 full level  
**B65H 29/40** (2006.01); **B41F 13/54** (2006.01); **B65H 29/12** (2006.01); **B65H 29/70** (2006.01); **B65H 45/30** (2006.01)

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Cited by  
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Designated contracting state (EPC)  
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**EP 0374917 A2 19900627**; **EP 0374917 A3 19900725**; **EP 0374917 B1 19930915**; **EP 0374917 B2 20010411**; CA 2006472 A1 19900623; CA 2006472 C 19950110; DE 3942502 A1 19900628; DE 3942502 C2 19950601; DE 58905626 D1 19931021; JP 2644601 B2 19970825; JP H02231362 A 19900913

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