

Title (en)  
TURNING-BAR ARRANGEMENT

Title (de)  
WENDESTANGENANORDNUNG

Title (fr)  
AGENCEMENT DE BARRES DE RETOURNEMENT

Publication  
**EP 0907513 B1 20020724 (DE)**

Application  
**EP 97922856 A 19970421**

Priority

- DE 9700790 W 19970421
- DE 19616894 A 19960429
- DE 19640978 A 19961004

Abstract (en)  
[origin: US6047922A] PCT No. PCT/DE97/00790 Sec. 371 Date Oct. 29, 1998 Sec. 102(e) Date Oct. 29, 1998 PCT Filed Apr. 21, 1997 PCT Pub. No. WO97/40985 PCT Pub. Date Nov. 6, 1997A turning bar arrangement for material webs in a printing press uses first and second pairs of turning bars in a turning deck. The turning bars in the first pair are offset by 90 DEG with respect to the turning bars in the second pair. Ends of the turning bars are supported in linear guides that are longer than the width of the printing press. Ends of the turning bars can project outside of the side frames of the printing press.

IPC 1-7  
**B41F 13/06**; **B65H 23/32**

IPC 8 full level  
**B41F 13/06** (2006.01); **B65H 23/32** (2006.01)

CPC (source: EP US)  
**B41F 13/06** (2013.01 - EP US); **B65H 23/32** (2013.01 - EP US); **B65H 2301/33212** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**US 6047922 A 20000411**; EP 0907513 A1 19990414; EP 0907513 B1 20020724; ES 2179335 T3 20030116; JP 3583145 B2 20041027; JP H11510444 A 19990914; WO 9740985 A1 19971106

DOCDB simple family (application)  
**US 14721198 A 19981029**; DE 9700790 W 19970421; EP 97922856 A 19970421; ES 97922856 T 19970421; JP 53845097 A 19970421