

Title (en)

DEVICES AND METHOD FOR CONVEYANCE OF SHEETS

Title (de)

VORRICHTUNGEN UND VERFAHREN ZUM TRANSPORTIEREN VON BOGEN

Title (fr)

PROCEDE ET DISPOSITIF POUR TRANSPORTER DES FEUILLES

Publication

EP 0888239 A1 19990107 (DE)

Application

EP 97920513 A 19970314

Priority

- DE 9700521 W 19970314
- DE 19611560 A 19960323

Abstract (en)

[origin: US6142069A] PCT No. PCT/DE97/00521 Sec. 371 Date Sep. 17, 1998 Sec. 102(e) Date Sep. 17, 1998 PCT Filed Mar. 14, 1997 PCT Pub. No. WO97/35794 PCT Pub. Date Oct. 2, 1997A device for conveying sheets in a sheet-processing machine uses a processing cylinder having a circumferential speed. Conveyor belts cooperate with the cylinder for transporting sheets with the belts arranged between the processing cylinder and a chain conveyor with a gripper system. A ratio between the transportation speed of the processing cylinder can be changed by use of a drive of the conveyor belts in order to vary the distance between successive sheets.

IPC 1-7

B65H 5/00; B65H 23/18; B65H 29/16; B41F 13/02; B41F 19/02

IPC 8 full level

B41F 13/02 (2006.01); **B41F 13/44** (2006.01); **B41F 17/00** (2006.01); **B41F 19/02** (2006.01); **B41F 19/06** (2006.01); **B65H 5/00** (2006.01);
B65H 5/02 (2006.01); **B65H 5/06** (2006.01); **B65H 23/18** (2006.01); **B65H 29/16** (2006.01)

CPC (source: EP US)

B41F 19/062 (2013.01 - EP US); **B65H 5/021** (2013.01 - EP US)

Citation (search report)

See references of WO 9735794A1

Cited by

EP1314554A1; WO03043823A1; US7384495B2

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

US 6142069 A 20001107; AT E194812 T1 20000815; DE 19611560 A1 19970925; DE 59702059 D1 20000824; EP 0888239 A1 19990107;
EP 0888239 B1 20000719; JP 2000515469 A 20001121; JP 2008120602 A 20080529; JP 4673384 B2 20110420; WO 9735794 A1 19971002

DOCDB simple family (application)

US 14292098 A 19980917; AT 97920513 T 19970314; DE 19611560 A 19960323; DE 59702059 T 19970314; DE 9700521 W 19970314;
EP 97920513 A 19970314; JP 2008033720 A 20080214; JP 53392897 A 19970314