

Title (en)

Gripper control for a cyclically oscillatingly driven in-feed gripper for sheet transport in a sheet-fed printing machine

Title (de)

Greifersteuerung für einen zyklisch schwingend angetriebenen Vorgreifer zum Einzelbogentransport in einer Bogendruckmaschine

Title (fr)

Commande des pinces pour une pince préliminaire entraînée de façon cyclique et oscillante dans une machine d'impression de feuilles

Publication

**EP 0775576 A3 19970730 (DE)**

Application

**EP 96117568 A 19961102**

Priority

DE 19543381 A 19951121

Abstract (en)

[origin: EP0775576A2] The grip control is for the transportation of single sheets in a printing press. It includes a switching mechanism (31) to set the fixed turning curve (12). This curve has a grip closing region (24) and a grip opening region (26). The closing region has an auxiliary opening region (28). This auxiliary opening region is designed to compensate for an auxiliary closing region (29) on the one-revolution running curve (18). The auxiliary opening region may have an opening cam and the auxiliary closing region may have a control recess.

IPC 1-7

**B41F 21/05**

IPC 8 full level

**B41F 21/10** (2006.01); **B41F 21/05** (2006.01)

CPC (source: EP US)

**B41F 21/05** (2013.01 - EP US)

Citation (search report)

- [A] GB 2015483 A 19790912 - POLYGRAPH LEIPZIG
- [A] EP 0361105 A1 19900404 - ROLAND MAN DRUCKMASCH [DE]
- [A] US 5343806 A 19940906 - FRICKE ANDREAS [DE], et al
- [DA] DE 4330392 A1 19950316 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by

EP1136262A3; US6877430B2; US6676125B2; JP2004098687A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**DE 19543381 A1 19970522; DE 19543381 C2 19990610**; DE 59601990 D1 19990701; EP 0775576 A2 19970528; EP 0775576 A3 19970730; EP 0775576 B1 19990526; JP 4489192 B2 20100623; JP H09164660 A 19970624; US 5749572 A 19980512

DOCDB simple family (application)

**DE 19543381 A 19951121**; DE 59601990 T 19961102; EP 96117568 A 19961102; JP 30911396 A 19961120; US 75754396 A 19961121