

Title (en)

Rollers for a folding funnel of a rotary printing machine

Title (de)

Trichterfalzwalze für eine Rotationsdruckmaschine

Title (fr)

Rouleaux d'entonnoir de pliage pour une machine d'impression rotative

Publication

EP 0781723 A3 19980311 (DE)

Application

EP 96120488 A 19961219

Priority

DE 19548814 A 19951227

Abstract (en)

[origin: EP0781723A2] The folding roller (2,3) forms part of a folding roller group (1), with at least one independently rotated guide (16,17 ; 18,19) incorporated in each roller, for the paper feed path. The roller may be rotated by a respective rev-regulated drive motor (42,43) and is divided into a number of folding roller sections (8,9,10 ; 12,13,14) by intermediate guides mounted on the roller shaft.

IPC 1-7

B65H 45/22

IPC 8 full level

B41F 13/58 (2006.01); **B65H 45/22** (2006.01)

CPC (source: EP US)

B65H 45/221 (2013.01 - EP US)

Citation (search report)

- [PA] DE 19612924 A1 19961114 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] GB 555399 A 19430820 - GOSS PRINTING PRESS CO LTD
- [DA] DE 2808483 A1 19780907 - ROCKWELL INTERNATIONAL CORP
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 044 (M - 1547) 24 January 1994 (1994-01-24)
- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 274 (M - 725) 29 July 1988 (1988-07-29)

Cited by

CN104512761A; EP0957057A3; WO0056650A3; US6364821B1; US6428458B2; US6929710B1; US7066368B1; US6705499B1; US6821240B1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0781723 A2 19970702; EP 0781723 A3 19980311; EP 0781723 B1 20010509; DE 19548814 A1 19970703; DE 19548814 C2 19990930; DE 59606875 D1 20010613; JP 2758393 B2 19980528; JP H09175730 A 19970708; US 5718661 A 19980217

DOCDB simple family (application)

EP 96120488 A 19961219; DE 19548814 A 19951227; DE 59606875 T 19961219; JP 34587496 A 19961225; US 77213396 A 19961220