

Title (en)

Rotary printing press having a device for treating the surface of sheets

Title (de)

Rotationsdruckmaschine mit einer Einrichtung zum Behandeln der Oberfläche von Bogen

Title (fr)

Presse rotative d'impression comprenant un dispositif pour traiter la surface des feuilles

Publication

EP 0819521 B1 20011010 (DE)

Application

EP 97111622 A 19970709

Priority

DE 19629370 A 19960720

Abstract (en)

[origin: EP0819521A2] The printer comprises a surface finishing device (33,34,35) by one or more modules (25,26) along which sheets (2) are transported. It has two conveyor elements (27-30) rotate at the same speed and grippers which seize the leading edge of the sheet so that each sheet is supplied to and delivered from the module during rotation of the grippers corresponding to the printing cycle. The grippers of the first conveyor are mounted on at least one gripper arm and the sheets are freely guided by guide elements (52,53). The grippers of the second conveyor element are mounted on at least one gripper arm with the sheets resting on rotating curved support elements which are mounted in the circumferential direction between the gripper arms.

IPC 1-7

B41F 23/04; **B41F 21/10**

IPC 8 full level

B41F 21/00 (2006.01); **B41F 21/05** (2006.01); **B41F 21/10** (2006.01); **B41F 23/04** (2006.01); **B41F 23/08** (2006.01)

CPC (source: EP US)

B41F 21/10 (2013.01 - EP US); **B41F 23/044** (2013.01 - EP US); **B65H 2402/10** (2013.01 - EP US)

Cited by

EP1880846A3; EP1810826A3; DE102006043052A1; EP1977895A1; EP2006093A3; EP1880845A3; EP1867477A3; EP1810825A3; EP1106352A3; EP3444115A4; US9079389B2; EP1867477A2; US8720334B2

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

EP 0819521 A2 19980121; **EP 0819521 A3 19980923**; **EP 0819521 B1 20011010**; DE 19629370 A1 19980122; DE 59704840 D1 20011115; JP H1058653 A 19980303; US 5873309 A 19990223

DOCDB simple family (application)

EP 97111622 A 19970709; DE 19629370 A 19960720; DE 59704840 T 19970709; JP 19432397 A 19970718; US 89773997 A 19970721