

Title (en)

SHEET-PRINTING ROTARY PRESS FOR SINGLE-SIDED POLYCHROMATIC PRINTING OR FOR PERFECTING AND REPETITION PRINTING

Publication

EP 0291721 B1 19920701 (DE)

Application

EP 88106461 A 19880422

Priority

DE 3717093 A 19870521

Abstract (en)

[origin: EP0291721A2] A sheet transfer cylinder is provided, as seen in the sheet- movement direction, between the printing cylinders of two printing mechanisms. This is followed by a sheet layer having an essentially flat laying surface roughly tangential to the sheet transfer cylinder. The sheet transfer cylinder pushes the guided sheet, with the free front edge of the sheet leading onto the sheet layer during the approach of the grippers holding the rear edge of the sheet. From there, the sheet is lifted again with the rear edge of the sheet leading by additional grippers on the sheet transfer cylinder. By this method of sheet-turning with the assistance of an essentially flat sheet layer, it is possible to achieve a low construction height for the machine, and the sheet-turning takes place reliably even with thick card. <IMAGE>

IPC 1-7

B41F 21/10

IPC 8 full level

B41F 21/10 (2006.01)

CPC (source: EP US)

B41F 21/106 (2013.01 - EP US)

Cited by

EP1103375A3; EP2293261A1; WO2008071305A1

Designated contracting state (EPC)

CH FR GB IT LI SE

DOCDB simple family (publication)

EP 0291721 A2 19881123; EP 0291721 A3 19900411; EP 0291721 B1 19920701; DE 3717093 A1 19881208; DE 3717093 C2 19891228; JP S6477542 A 19890323; US 4930414 A 19900605

DOCDB simple family (application)

EP 88106461 A 19880422; DE 3717093 A 19870521; JP 12222088 A 19880520; US 42649989 A 19891023