

Title (en)

SHEET-FED FLEXOGRAPHIC PRINTING PRESS

Title (de)

FLEXODRUCKMASCHINE MIT BLATTZUFUHR

Title (fr)

MACHINE D'IMPRESSION FLEXOGRAPHIQUE ALIMENTÉE EN FEUILLES

Publication

EP 3444115 B1 20220323 (EN)

Application

EP 17781736 A 20170215

Priority

- CN 201610219265 A 20160411
- CN 2017073585 W 20170215

Abstract (en)

[origin: EP3444115A1] The present invention relates to the field of printing equipment and, particularly to a single-sheet flexographic printing press, which includes a first printing unit and a second printing unit for printing both surfaces of the printing stock, respectively. A first printing paper delivering drums I, the first printing paper delivering drum II, the second printing paper delivering drum I and the second printing paper delivering drum II are provided as drums having a temperature control or a quality checking device. An even number of printing paper feed drums are added between and behind the printing units corresponding to the two sides of the printed product. On one hand, the paper alternatives even times to ensure that the two sides printing of the printed product. On the other hand, the problem of thermal accumulation and timely quality control is solved by adding additional temperature control function and print quality inspection function to the printing paper drum.

IPC 8 full level

B41F 5/16 (2006.01); **B41F 5/02** (2006.01); **B41F 5/24** (2006.01); **B41F 21/10** (2006.01); **B41F 23/04** (2006.01); **B41F 33/00** (2006.01);
B41F 33/08 (2006.01); **B41F 33/12** (2006.01)

CPC (source: CN EP)

B41F 5/02 (2013.01 - EP); **B41F 5/24** (2013.01 - CN EP); **B41F 21/10** (2013.01 - EP); **B41F 23/044** (2013.01 - CN EP);
B41F 23/0443 (2013.01 - EP); **B41F 23/045** (2013.01 - EP); **B41F 23/0479** (2013.01 - EP); **B41F 33/0036** (2013.01 - CN EP);
B41F 33/08 (2013.01 - EP); **B41F 33/12** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3444115 A1 20190220; EP 3444115 A4 20191113; EP 3444115 B1 20220323; CN 107160827 A 20170915; CN 107160827 B 20200414;
JP 2018514415 A 20180607; JP 6408170 B2 20181017; WO 2017177760 A1 20171019

DOCDB simple family (application)

EP 17781736 A 20170215; CN 201610219265 A 20160411; CN 2017073585 W 20170215; JP 2017554901 A 20170215