

Title (en)
Rotogravure printing machine and method

Title (de)
Rotationstiefdruckmaschine und -verfahren

Title (fr)
Rotative d'impression en creux et procédé

Publication
EP 0598240 B1 19970319 (DE)

Application
EP 93117070 A 19931021

Priority
DE 4236457 A 19921028

Abstract (en)
[origin: EP0598240A1] In a rotogravure printing machine (1) having at least two printing units (24 to 27 and 30 to 33) and a drying device (34 to 36; 38 to 40) arranged between said printing units, through which a paper web (2) to be printed runs one after the other, to simplify the operation and to reduce the occurrence of waste, provision is made for the printing units to be aligned in such a way that the paper web runs in a straight line from the preceding printing unit through the drying device without contact to the subsequent printing unit, guided only by the forme cylinders (55, 55) and impression cylinders (56, 56) of these two printing units. <IMAGE>

IPC 1-7
B41F 9/02

IPC 8 full level
B41J 9/02 (2006.01); **B41F 9/00** (2006.01); **B41F 9/02** (2006.01); **B41F 9/18** (2006.01); **B41F 13/24** (2006.01); **B41F 23/04** (2006.01)

CPC (source: EP)
B41F 9/026 (2013.01)

Cited by
DE102011083151A1; US6230620B1; DE102004051263A1; EP0658427A1; DE102011083151B4; DE19801429A1; DE19801429C2; DE102008018653B3; WO9850235A3; WO2013041455A1; US6209454B1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0598240 A1 19940525; EP 0598240 B1 19970319; AT E150368 T1 19970415; CA 2109164 A1 19940429; CA 2109164 C 19991228; CZ 225393 A3 19940518; CZ 287539 B6 20001213; DE 59305863 D1 19970424; FI 106941 B 20010515; FI 934744 A0 19931027; FI 934744 A 19940429; HU 215054 B 19980928; HU 9303052 D0 19940328; HU T69457 A 19950928; JP H071700 A 19950106; PL 172539 B1 19971031; PL 300867 A1 19940516

DOCDB simple family (application)
EP 93117070 A 19931021; AT 93117070 T 19931021; CA 2109164 A 19931025; CZ 225393 A 19931025; DE 59305863 T 19931021; FI 934744 A 19931027; HU 9303052 A 19931027; JP 29279193 A 19931028; PL 30086793 A 19931027