

Title (en)

Method and means for introducing a web in a printing machine

Title (de)

Verfahren zum Einziehen von Materialbahnen in eine Druckmaschine und Einziehvorrichtung

Title (fr)

Procédé et dispositif pour introduire une bande de matériau dans une machine à imprimer

Publication

EP 0631866 B1 19980121 (DE)

Application

EP 94108265 A 19940528

Priority

DE 4318299 A 19930602

Abstract (en)

[origin: EP0631866A1] According to the present invention, a drawing-in device for drawing in a plurality of webs of printing carrier, preferably webs of paper, is provided, in which drawing-in elements of finite length grip the beginning of a web of paper and draw the latter out of the roll changers (6 to 8) and the tensioning units (15 to 17) through the printing units (2 to 5) up to folding units (20 to 22). Compared to conventional drawing-in devices, less waste is caused due to the fact that there is an electronic memory in which the lengths of all the drawing-in paths (9 to 11) possible in the printing machine are stored, and the drawing-in elements can be switched on with time delay and switched off simultaneously in accordance with the path difference of the drawing-in paths (9 to 11) and the time differences resulting therefrom at a given drawing-in speed by means of an electronic computer connected to the memory. It is likewise possible to reintroduce a web of printing material which has been torn during the printing process largely without causing waste. <IMAGE>

IPC 1-7

B41F 13/03

IPC 8 full level

B41F 13/02 (2006.01); **B41F 13/03** (2006.01); **B41F 13/06** (2006.01); **B41F 33/00** (2006.01); **B41F 33/06** (2006.01); **B65H 20/16** (2006.01)

CPC (source: EP US)

B41F 13/03 (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

DE 4318299 A1 19941208; CA 2124868 A1 19941203; CA 2124868 C 19971125; DE 59405066 D1 19980226; EP 0631866 A1 19950104; EP 0631866 B1 19980121; JP 2815310 B2 19981027; JP H079673 A 19950113; US 5542350 A 19960806

DOCDB simple family (application)

DE 4318299 A 19930602; CA 2124868 A 19940601; DE 59405066 T 19940528; EP 94108265 A 19940528; JP 12155394 A 19940602; US 25151794 A 19940531