

Title (en)  
PROCESS AND CIRCUIT FOR PRINTING A PRINT IMAGE

Title (de)  
VERFAHREN UND SCHALTUNGSANORDNUNG ZUM DRUCKEN EINES DRUCKBILDES

Title (fr)  
PROCEDE ET CIRCUIT POUR L'IMPRESSION D'UNE IMAGE IMPRIMEE

Publication  
**EP 0890140 B1 20021204 (DE)**

Application  
**EP 97920556 A 19970326**

Priority  
• DE 9700642 W 19970326  
• DE 19612176 A 19960327

Abstract (en)  
[origin: WO9736211A1] A process is described for printing a print image on a continuous support material (20) relative to a pre-set position in an electrographic printer (10) in which a stepper motor (12) controlled by an electric impulse sequence (SIF) drives a transport device (14). This device (14) transports the reproductive material (20) past a transfer station (16), essentially according to a pre-set printing speed (VD). In the printing process, print images are produced in sequence on the support material (20). When the print control (62) starts printing a print image, a print image start signal (SAS) is produced. This signal starts a process which counts a cycle signal (ZTF) in a counter (64). A signal receiver (58) checks the support material (20) for marks (48) which are present at regular intervals for positioning. When the signal receiver (58) registers a mark (48), it produces a marking signal (115) and the counting process is interrupted by the appearance of the marking signal (115) or after a fixed number of marking signals (115). The counter tally is compared with a control value (step 208) which corresponds to a counter value at an offset-free positioning of the print image relative to the markers (48) and according to which the frequency of the electrical impulse sequence (SIF) is adjusted, depending on the results of the comparison (steps 210, 216).

IPC 1-7  
**G03G 15/00; B41F 33/00**

IPC 8 full level  
**B41F 33/00** (2006.01); **B41F 33/14** (2006.01); **B41J 11/42** (2006.01); **G03G 15/00** (2006.01)

CPC (source: EP US)  
**B41F 33/00** (2013.01 - EP US); **G03G 15/6526** (2013.01 - EP US); **G03G 15/6529** (2013.01 - EP US)

Designated contracting state (EPC)  
BE DE FR GB

DOCDB simple family (publication)  
**WO 9736211 A1 19971002**; DE 59708889 D1 20030116; EP 0890140 A1 19990113; EP 0890140 B1 20021204; JP 2000507170 A 20000613; US 6164848 A 20001226

DOCDB simple family (application)  
**DE 9700642 W 19970326**; DE 59708889 T 19970326; EP 97920556 A 19970326; JP 53394097 A 19970326; US 15536999 A 19990412