

Title (en)
In-line printing and stepwise processing of a band of material

Title (de)
Zeilenweises Drucken und schrittweises Verarbeiten von Bandmaterial

Title (fr)
Impression en ligne et traitement par étapes de matériel en bande

Publication
EP 1077137 A3 20010425 (EN)

Application
EP 00202866 A 20000816

Priority
• EP 00202866 A 20000816
• EP 99202655 A 19990816
• US 63958700 A 20000816

Abstract (en)
[origin: EP1077137A2] For in-line printing and processing of successive portions of a band material, the portions are each printed in a printing position (5; 157) and processed in a processing position (36; 43), both along that transport path (1; 101). The band material is advanced at least once over a predetermined distance along the transport path (1; 101) for transferring portions of the band material from the printing position (5) or the processing position, to the processing position (36; 43) or, respectively, the printing position (157). Since the printing is carried out incrementally in accordance with the incremental formation of the printing, changes in the printing from portion to portion can be implemented easily. Since each printed portion is advanced over a remaining portion of the predetermined distance after printing, it is assured in a simple manner that the printings are accurately aligned in transport direction for processing to be performed. <IMAGE>

IPC 1-7
B41J 15/04; **B41J 15/16**; **B41F 13/04**; **B41J 11/42**

IPC 8 full level
B41J 11/42 (2006.01); **B41J 15/00** (2006.01); **B41J 15/04** (2006.01); **B41J 15/16** (2006.01)

CPC (source: EP)
B41J 11/42 (2013.01); **B41J 15/005** (2013.01); **B41J 15/04** (2013.01); **B41J 15/16** (2013.01)

Citation (search report)
• [XA] US 3762322 A 19731002 - VINES G
• [XA] US 5847742 A 19981208 - NISHIMURA TOMOYOSHI [JP]
• [XA] US 5826513 A 19981027 - FROMSON HOWARD A [US], et al
• [DA] US 4559755 A 19851224 - ROMAGNOLI ANDREA [IT]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1077137 A2 20010221; **EP 1077137 A3 20010425**; **EP 1077137 B1 20060329**

DOCDB simple family (application)
EP 00202866 A 20000816