

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 1077138 A1 20010221 (EN)

Application
EP 99202655 A 19990816

Priority
EP 99202655 A 19990816

Abstract (en)
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 (applicant)
US 4559755 A 19851224 - ROMAGNOLI ANDREA [IT]

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]

Cited by
DE102004037412B4; DE102004037412A1

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 1077138 A1 20010221; AT E321668 T1 20060415; DE 60026924 D1 20060518; DE 60026924 T2 20061123; ES 2261146 T3 20061116

DOCDB simple family (application)
EP 99202655 A 19990816; AT 00202866 T 20000816; DE 60026924 T 20000816; ES 00202866 T 20000816