

Title (en)
PROCESS FOR GUIDING A SHEET OF PAPER IN A COLOUR-TAPE CASSETTE, AND A COLOUR-TAPE CASSETTE FOR CARRYING OUT THE PROCESS.

Title (de)
VERFAHREN ZUM FÜHREN EINES BLATTES IN EINER FARBBANDKASSETTE UND FARBBANDKASSETTE ZUR DURCHFÜHRUNG DES VERFAHRENS.

Title (fr)
PROCEDE DESTINE A GUIDER UNE FEUILLE DE PAPIER DANS UNE CASSETTE A BANDE COULEUR ET CASSETTE A BANDE COULEUR DESTINEE A APPLIQUER LEDIT PROCEDE.

Publication
EP 0521011 B1 19940518

Application
EP 91905555 A 19910318

Priority

- DE 4009293 A 19900320
- DE 9100240 W 19910318

Abstract (en)
[origin: WO9114579A1] If several successive colour-application operations are to be carried out on a sheet of paper, the sheet is fed from the sheet output point of a pressure-applying element through a sheet feed channel with a curved turn-round zone back to the sheet input point of the pressure-applying element, and a high sheet-positioning precision if necessary, in order to obtain high-quality results. In order to ensure the precise alignment of the repeatedly refeed sheet (11), the invention calls for the sheet (11) to be guided, by means of a raised area (60) on the concave surface (42) of the sheet turn-round zone (35), so that it is tilted in stages at right angles to the direction of motion. Downstream of the raised area (60), a force is exerted on the sheet at right angles to the direction of motion of the sheet, the force aligning the sheet (11) with the edge of a sheet-guidance surface (100). Multicolor printing.

IPC 1-7
B41J 17/32

IPC 8 full level
B41J 17/32 (2006.01)

CPC (source: EP)
B41J 17/32 (2013.01)

Citation (examination)
PATENT ABSTRACTS OF JAPAN vol. 6, No. 87 (E-108)965) 25 May 1982, JP-A-57 021165 (SHIYOUICHI HINAE) 3 February 1982

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9114579 A1 19911003; DE 4009293 A1 19910926; DE 59101683 D1 19940623; EP 0521011 A1 19930107; EP 0521011 B1 19940518

DOCDB simple family (application)
DE 9100240 W 19910318; DE 4009293 A 19900320; DE 59101683 T 19910318; EP 91905555 A 19910318