

Title (en)

METHOD AND DEVICE FOR PRINTING ON THE SURFACE OF A STRIP-SHAPED MEDIUM

Title (de)

VERFAHREN UND VORRICHTUNG ZUM DRUCKEN AUF EINER OBERFLÄCHE EINES STREIFENFÖRMIGEN MEDIUMS

Title (fr)

PROCEDE ET DISPOSITIF D'IMPRESSION SUR UNE SURFACE D'UN SUPPORT EN FORME DE BANDE

Publication

**EP 1365919 A1 20031203 (DE)**

Application

**EP 02729973 A 20020307**

Priority

- DE 10111228 A 20010308
- EP 0202519 W 20020307

Abstract (en)

[origin: WO02070268A1] A problem associated with label printers for liner-free labels is that the self-adhesive coated surface (4) of the label strip to be printed is exposed as it passes through the printer and is guided over a roller (10) that transports the label strip through the printer. Said strip must be released from the roller to be issued at the exit (15) of the printer. According to the invention, instead of the provision of conventional scraper elements downstream of the roller (10), the label strip is embossed, which counteracts the tendency of the label strip to become wound around the roller (10), thus enabling the label strip to be detached from the roller (10) in a reliable manner.

IPC 1-7

**B41J 15/04**

IPC 8 full level

**B41J 3/407** (2006.01); **B41J 15/04** (2006.01)

CPC (source: EP US)

**B41J 3/4075** (2013.01 - EP US); **B41J 15/04** (2013.01 - EP US); **B41J 15/046** (2013.01 - EP US)

Citation (search report)

See references of WO 02070268A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 02070268 A1 20020912**; AT E353767 T1 20070315; DE 10111228 A1 20020919; DE 50209482 D1 20070329; DK 1365919 T3 20070611; EP 1365919 A1 20031203; EP 1365919 B1 20070214; ES 2278918 T3 20070816; PT 1365919 E 20070330; US 2004101343 A1 20040527; US 6810801 B2 20041102

DOCDB simple family (application)

**EP 0202519 W 20020307**; AT 02729973 T 20020307; DE 10111228 A 20010308; DE 50209482 T 20020307; DK 02729973 T 20020307; EP 02729973 A 20020307; ES 02729973 T 20020307; PT 02729973 T 20020307; US 36380103 A 20030306