

Title (en)

DEVICE FOR PRECISELY POSITIONING A PRINTING HEAD IN RELATION TO A SUBSTRATE

Title (de)

VORRICHTUNG ZUR EXAKTEN POSITIONIERUNG EINES DRUCKKOPFS ZU EINEM AUFZEICHNUNGSTRÄGER

Title (fr)

DISPOSITIF DE POSITIONNEMENT PRECIS D'UNE TETE D'IMPRESSION PAR RAPPORT A UN SUPPORT D'ENREGISTREMENT

Publication

**EP 0690792 B1 19961009 (DE)**

Application

**EP 94909887 A 19940311**

Priority

- DE 4309184 A 19930322
- DE 4309185 A 19930322
- DE 9400273 W 19940311

Abstract (en)

[origin: US5547299A] PCT No. PCT/DE94/00273 Sec. 371 Date Sep. 20, 1995 Sec. 102(e) Date Sep. 20, 1995 PCT Filed Mar. 11, 1994 PCT Pub. No. WO94/21466 PCT Pub. Date Sep. 29, 1994A recording substrate (21) is brought into a predetermined position on a recording substrate holder (10). One edge of the recording substrate (21) rests against a recording substrate stop (18) provided at one side on the recording substrate holder (10). Extending transversely to the recording substrate stop (18), in or on the recording substrate holder (10), there is a transmitting or receiving means (KS) which can be covered by the recording substrate (21). A receiving or transmitting means (KE) is provided on the printing head (7). In the region of the extent of the transmitting or recording means (KS), at a defined distance from the recording substrate stop (18), a shielding surface (30) is arranged on the recording substrate holder (10). During the movement of the printing head (7) along the transmitting or receiving means (KS), the location of the shielding surface (30) and the location of the recording substrate edge remote from the recording substrate stop (18) are detected.

IPC 1-7

**B41J 13/26; B41J 19/18**

IPC 8 full level

**B41J 11/42** (2006.01); **B41J 13/00** (2006.01); **B41J 13/26** (2006.01); **B41J 19/18** (2006.01); **B41J 19/20** (2006.01)

CPC (source: EP US)

**B41J 13/26** (2013.01 - EP US); **B41J 19/205** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

**WO 9421466 A1 19940929**; AT E143869 T1 19961015; DE 59400833 D1 19961114; DK 0690792 T3 19970310; EP 0690792 A1 19960110; EP 0690792 B1 19961009; ES 2092407 T3 19961116; JP 2768555 B2 19980625; JP H08504138 A 19960507; US 5547299 A 19960820

DOCDB simple family (application)

**DE 9400273 W 19940311**; AT 94909887 T 19940311; DE 59400833 T 19940311; DK 94909887 T 19940311; EP 94909887 A 19940311; ES 94909887 T 19940311; JP 52050994 A 19940311; US 52560195 A 19950920