

Title (en)

Rotary-belt printing machine comprising a positioning device with linear optical sensor

Title (de)

Druckmaschine mit rotierendem Band und Positioniereinrichtung mit linearem optischen Sensor

Title (fr)

Machine à imprimer comprenant une bande rotative et un dispositif de positionnement comprenant un détecteur optique linéaire

Publication

**EP 0782921 B1 19990331 (EN)**

Application

**EP 96203586 A 19961217**

Priority

IT MI952667 A 19951219

Abstract (en)

[origin: EP0782921A1] Rotary-belt printing machine comprising a powered rotary belt (11) to bring segments thereof opposite printing stations (13). A control device (16) for accurate positioning of the belt (11) receives signals from an optical sensor (15) arranged near a lateral edge of the belt to detect the sequential passage under it of marks (14) arranged along the belt edge. The control device 16 processes the signals of the sensor (15) as feedback for correct and accurate positioning of the belt (11). The sensor is a linear sensor (15) with detection line arranged parallel to the lateral edge of the belt (11) to detect the position of marks (14) in its field of vision and permit accurate stopping of the belt in a position corresponding to a mark positioned in a particular position in said field of vision. <IMAGE>

IPC 1-7

**B41F 15/08**; **B41F 13/12**; **B41F 17/00**; **B41F 33/00**

IPC 8 full level

**B41F 15/10** (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP KR)

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