

Title (en)  
Device for printing marking-free endless foil

Title (de)  
Vorrichtung zum Bedrucken einer markierungsfreien Endlosfolie

Title (fr)  
Dispositif pour imprimer un film sans fin sans marque

Publication  
**EP 0997303 A3 20001025 (DE)**

Application  
**EP 99121277 A 19991025**

Priority  
DE 19850275 A 19981031

Abstract (en)  
[origin: EP0997303A2] Arrangement comprises printer (2) through which foil (1) is continuously fed, even when no print process occurs. Foil is divided into sections of defined length after printing. Transport mechanism moves foil by defined length (L) per printing. Printer is activated, when foil length is defined multiple of defined length. Arrangement has transport element (9,10) which outputs print process activation signal when the foil (1) has traversed the defined length (L). Rotary transducers (4,5) at the input and output of a foil buffer (6,11) detect the length of each foil movement. The difference between the detected lengths is used to correct the print process activation.

IPC 1-7  
**B41J 11/42**; **B41J 15/04**

IPC 8 full level  
**B41J 11/42** (2006.01); **B41J 15/04** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
• [DA] DE 19525713 C1 19961114 - CSAT COMPUTER SYSTEME [DE]  
• [A] DE 19810585 A1 19981008 - GERBER SCIENT PRODUCTS INC [US]  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05 30 April 1998 (1998-04-30)

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