

Title (en)  
PROCEDURE FOR DETERMINING REGISTER ERRORS

Publication  
**EP 0456005 B1 19931013 (DE)**

Application  
**EP 91105923 A 19910413**

Priority  
DE 4014708 A 19900508

Abstract (en)  
[origin: EP0456005A1] In a procedure for determining register errors on a printed product provided with register marks (4, 5, 6), the register marks (4, 5, 6) being scanned optoelectrically when the printed product passes through the printing machine, the register marks (4, 5, 6) are scanned by sensors (3) having at least four sensor elements arranged essentially in a square. In this case, the register marks (4, 5, 6) each have two edges extending at opposite angles obliquely relative to the direction of web travel. <IMAGE>

IPC 1-7  
**B65H 23/032**

IPC 8 full level  
**B41F 33/14** (2006.01); **B41F 33/00** (2006.01); **B65H 23/02** (2006.01); **B65H 23/032** (2006.01)

CPC (source: EP US)  
**B41F 33/0081** (2013.01 - EP US)

Cited by  
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**EP 0456005 A1 19911113; EP 0456005 B1 19931013**; CA 2041281 A1 19911109; DE 4014708 A1 19911212; DE 4014708 C2 19940310; DE 59100475 D1 19931118; JP 2572899 B2 19970116; JP H04229269 A 19920818; US 5247462 A 19930921

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