

Title (en)
Method and device for measuring positions of continuously moving sheets

Title (de)
Verfahren und Einrichtung zur Messung von Positionen von durchlaufenden Bogen

Title (fr)
Procédé et dispositif pour mesurer des positions de feuilles en mouvement continu

Publication
EP 1249415 A3 20040204 (DE)

Application
EP 01129806 A 20011214

Priority
DE 10118556 A 20010414

Abstract (en)
[origin: EP1249415A2] The method involves producing an image of at least part of a sheet (6) with an image generating device, passing image data for edge regions (7,7') of the sheet to a computer unit (20) and determining the position of the sheet using the image data with an image recognition algorithm. The determined position is compared with stored positions to determine deviations, which are passed to the printer and corrected with a sheet alignment device. Independent claims are also included for the following: an arrangement for measuring positions of moving sheets.

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B65H 7/08; **B65H 7/14**

IPC 8 full level
B41F 21/00 (2006.01); **B41F 33/14** (2006.01); **B65H 7/06** (2006.01)

CPC (source: EP US)
B65H 7/06 (2013.01 - EP US); **B65H 2511/20** (2013.01 - EP US); **B65H 2511/23** (2013.01 - EP US); **B65H 2511/24** (2013.01 - EP US); **B65H 2511/413** (2013.01 - EP US); **B65H 2511/512** (2013.01 - EP US); **B65H 2511/514** (2013.01 - EP US); **B65H 2553/42** (2013.01 - EP US); **B65H 2701/131** (2013.01 - EP US); **B65H 2701/1322** (2013.01 - EP US)

Citation (search report)

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- [A] DE 19855177 A1 20000608 - WINDMOELLER & HOELSCHER [DE]
- [A] US 4797942 A 19890110 - BURT PETER J [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 224 (M - 1596) 22 April 1994 (1994-04-22)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 210 (P - 383) 28 August 1985 (1985-08-28)

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EP2221264A3; CH699242A1; CN109996680A; EP2030924A1

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

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EP 1249415 A2 20021016; **EP 1249415 A3 20040204**; DE 10214531 A1 20021017; DE 10214531 B4 20110428; DE 10215511 A1 20021121; JP 2002331646 A 20021119; US 2002177918 A1 20021128; US 2003164876 A1 20030904; US 6845288 B2 20050118

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EP 01129806 A 20011214; DE 10214531 A 20020402; DE 10215511 A 20020409; JP 2002112098 A 20020415; US 12261402 A 20020415; US 9739602 A 20020314