


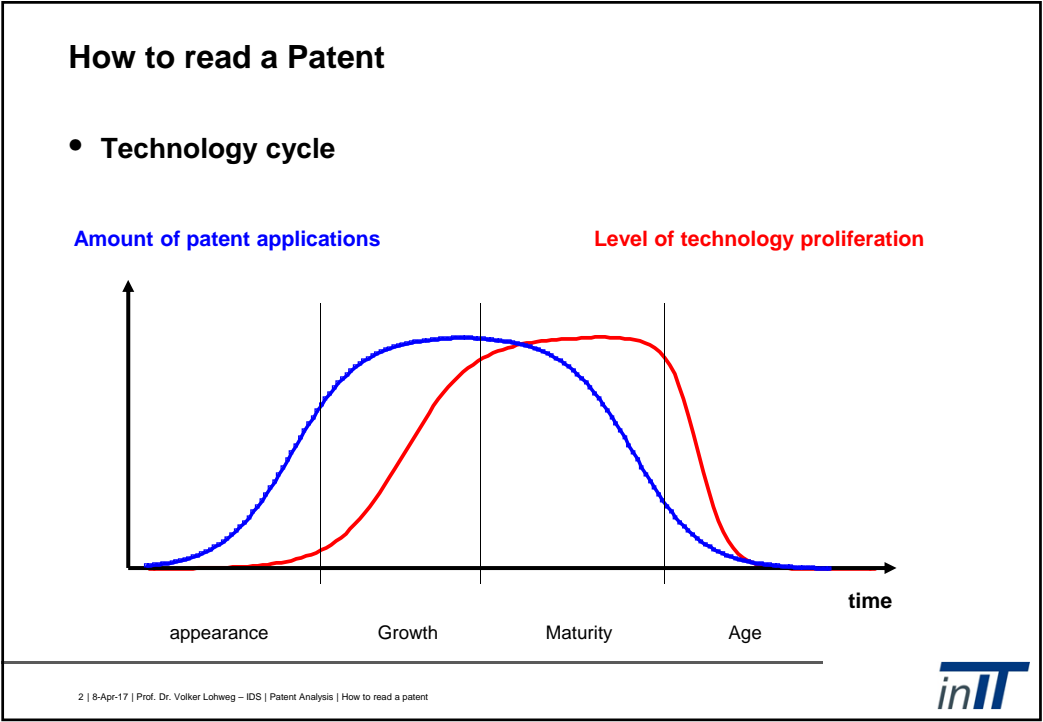
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Patent Analysis

Part 3: How to read a patent

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Innovation and Development Strategies (IDS)
International Master Information Technology /
Master Mechatronische Systeme





How to read a Patent

- **Patent Application**

Patent Application

DE, EP

First publication / patent appl.

Priority date!

Publ. date

Applicant

Inventor(s)

Additional literature

Title

DE 10 2004 033 660 A1 2006.02.09

Offenlegungsschrift

(Patents: Bx, Cx)

INID / IPC

Die folgenden Angaben sind den vom Anmelder eingereichten Unterlagen entnommen

Prüfungsentwurf gemäß § 44 PatG ist gestellt.

(14) Bezeichnung: Vorrichtung zur Ermittlung einer von einem bewegten Material entlang einer Bewegungsbahn zu verwechselnden Zwecke

**(19) Bundesrepublik Deutschland
Deutsches Patent- und Markenamt**

(12)

(21) Aktenzeichen: 10 2004 033 660.1

(22) Anmeldetag: 12.07.2004

(43) Offenlegungstag: 09.02.2006

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(51) Int. Cl.:
G01P 3/36 (2006.01)
B41F 33/00 (2006.01)
G01B 11/04 (2006.01)


**(56) Für die Beurteilung der Patentfähigkeit in Betracht
gezogene Druckschriften:**
DE 196 31 747 A1
DE 44 28 156 A1
DE 35 02 406 A1
WO 98/53 327 A1

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- **Patent**


 (19) Bundesrepublik Deutschland
 Deutsches Patent- und Markenamt

(10) DE 198 47 666 **B4** 2005.10.20

(12) **Patentschrift**

(21) Aktenzeichen: 198 47 666.3
 (22) Anmeldetag: 15.10.1998
 (43) Offenlegungstag: 20.04.2000
 (45) Veröffentlichungstag der Patenterteilung: 20.10.2005

(51) Int. Cl.: **B41F 33/14**
 B65H 23/04

..to enter the opposition: 3 months after the publication date

Innerhalb von drei Monaten nach Veröffentlichung der Patenterteilung kann nach § 59 Patentgesetz gegen das Patent Einspruch erhoben werden. Der Einspruch ist schriftlich zu erklären und zu begründen. Innerhalb der Einspruchsfrist ist eine Einspruchsgebühr in Höhe von 200 Euro zu entrichten (§ 8 Patentkostengesetz in Verbindung mit der Anlage zu § 2 Abs. 2 Patentkostengesetz).

(73) Patentinhaber: ELTROMAT GmbH, 33818 Leopoldshöhe, DE	(66) Für die Beurteilung der Patentfähigkeit in Betracht gezogene Druckschriften: DE 43 01 272 A1 DE-Prospekt: Registerregler DGL 600 und deren Peripheriegeräte für den Rotationsdruck, Fa. ELTROMAT, DRUPA 90; DE-Z.: Deutscher Drucker, Nr.21/5.6.97, S.W30,W35;
(74) Vertreter: Hoefel & Partner, 81545 München	
(72) Erfinder: Lohweg, Volker, 33699 Bielefeld, DE	

(54) Bezeichnung: **Vorrichtung und Verfahren zur Registerregelung einer Druckmaschine beim Mehrfarbendruck**

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- EU-Patent / Patent Applicaton

Deutsches
Patent- und Markenamt

Hinweis des DPMA zu einer EuroPCT-Anmeldung
Information provided by the DPMA concerning a Euro-PCT application
Information du DPMA concernant une demande euro-PCT

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Publication number:
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Publication date:
Date de publication:

27.05.2009

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International application published by the World Intellectual Property Organization,
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WO2008/029340
(13.03.2008 Gazette 2008/11)

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(19)

Europäisches
Patentamt
European
Patent Office
Office européen
des brevets

(11)

EP 1 901 241 A1

(12)

EUROPEAN PATENT APPLICATION

(43) Date of publication:
19.03.2008 Bulletin 2008/12

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(22) Date of filing: 06.09.2006

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HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI
SK TR
Designated Extension States:
AL BA HR MK YU

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(51) Int Cl:
G07D 7/20 (2006.01) G07D 7/12 (2006.01)

• Stöber, Bernd, Rüdiger
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• Lohweg, Volker
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(54) **Method for controlling the quality of printed documents based on pattern matching**

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Method For Detection Of Occurrence Of Printing Errors On Printed Substrates During Processing Thereof On A Printing Press

Bibliographic data

Description

Claims

Mosaics

Original document

INPADOC legal status

Publication number:

US2008095724 (A1)

Also published as:

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RU20080124204 (A)

JP2008017242 (T)

EP1966982 (A1)

Publication date:

2008-12-04

Inventor(s):

LOHWEIG VOLKER [DE]; SCHAEDE JOHANNES GEORG [DE]; TURKE THOMAS [DE]

Applicant(s):

Classification:

International:

B41F33/00; B41F33/00

Euroclass:

B41F33/00A

Application number:

US2006009179 20061121

Priority number(s):

EP20060111342 20061126; EP20060115689 20060619; WO20060654367 20061121

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View list of citing documents

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Abstract of US 2008295724 (A1)

There is described a method for detection of occurrence of printing errors on printed substrates during processing thereof on a printing press comprising the steps of providing multiple sensors on functional components of the printing press to monitor the behaviour of the printing press during processing of the printed substrates and performing an in-line analysis of the behaviour of the printing press to determine occurrence of a characteristic behaviour of the printing press which leads or is likely to lead to occurrence of printing errors on the printed substrates or which leads or is likely to lead to good printing quality of the printed substrates. In-line analysis of the behaviour of the printing press preferably includes performing fuzzy pattern classification of the behaviour of the printing press. According to one embodiment of the proposed method in-line analysis of the behaviour of the printing press is coupled with an in-line optical inspection of the printed substrates.

UNUSUAL

SENSOR

DATA

TRANSFORMATION

FACTORY

CLASSIFIER

PRINTING

PROCESS

ASSIGNMENT

PRINTING

QUALITY

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 - ➔ CLAIM 1

Method For Detection Of Occurrence Of Printing Errors On Printed Substrates During Processing Thereof On A Printing Press

Bibliographic data

Description

Claims

Mosaics

Original document

INPADOC legal status

The EPO does not accept any responsibility for the accuracy of data and information originating from other authorities than the EPO, in particular, the EPO does not guarantee that they are complete, up-to-date or fit for specific purposes.

Claims of US 2008295724 (A1)

Translate this text

Original claims

1. A method for detection of occurrence of printing errors on printed substrates during processing thereof on a printing press comprising the steps of providing multiple sensors on functional components of the printing press to monitor the behaviour of the printing press during processing of the printed substrates and performing an in-line analysis of the behaviour of the printing press to determine occurrence of a characteristic behaviour of the printing press which leads or is likely to lead to occurrence of printing errors on the printed substrates or which leads or is likely to lead to good printing quality of the printed substrates.

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- Legal Status

Method For Detection Of Occurrence Of Printing Errors On Printed Substrates During Processing Thereof On A Printing Press

Bibliographic data	Description	Claims	Mosaics	Original document	INPADOC legal status
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Legal status of US2008295724 (A1) 2008-12-04:					
US F		9317906 A		(Patent of invention)	
PRS Date :		2008/07/28			
PRS Code :		AS			
Code Expl.:		ASSIGNMENT			
NEW OWNER :		KBA-GIORI S.A., SWITZERLAND			
FURTHER INFORMATION :		ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:LOHWEG, VOLKER;SCHAEDE, JOHANNES GEORG;TURIKE, THOMAS;REEL/FRAME:021322/0031;SIGNING DATES FROM 20080618 TO 20080717			
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– <http://www.dpma.de/>
- **European Patent Office (EPO)**
– <http://ep.espacenet.com/>
- **United States Patent and Trademark Office (USPTO)**
– <http://www.uspto.gov/>
- **World Intellectual Property Organisation, Patent Cooperation Treaty (WIPO / PCT)**
– <http://www.wipo.int/pct/en/texts/articles/atoc.htm>

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