Title (en)

PRINTING SYSTEM AND METHOD AND COMPUTER PROGRAM PRODUCT COMPRISING PRINT DATA INTEGRITY MONITORING

Title (de)

DRUCKSYSTEM SOWIE VERFAHREN UND COMPUTERPROGRAMMPRODUKT MIT DRUCKDATENINTEGRITÄTS ÜBERWACHUNG

Title (fr)

SYSTEME D'IMPRESSION, AINSI QUE PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE FAISANT INTERVENIR UN MOYEN POUR SURVEILLER L'INTEGRITE DES DONNEES D'IMPRESSION

Publication

EP 1599343 A1 20051130 (DE)

Application

EP 04713534 A 20040223

Priority

• EP 2004001767 W 20040223
• DE 10307798 A 20030224

Abstract (en)

[origin: WO2004073999A1] The invention relates to a method for monitoring preprinted data in a printing system. According to said method, check totals contained in a checklist are used as test codes. Said check totals are arranged in any sequence having the highest possible entropy rather than being sorted in a numerical sequence. Verification is made at the printout point whether the check totals have been printed in the same order as in the checklist, allowing check totals having few digits, especially even single-digit binary numbers, to be used. The check totals can be made available by stored checklists, or the checklists can be created by means of a corresponding method. The LFSR method is a preferred method because said method makes it possible to generate check totals that are suitable for actually calculating the page numbers from the check totals.

IPC 1-7

B42C 19/00

IPC 8 full level

B42C 19/00 (2006.01); **B41J 3/60** (2006.01); **B41J 29/393** (2006.01)

CPC (source: EP US)

B41J 3/60 (2013.01 - EP US); **B41J 29/393** (2013.01 - EP US); **B42C 19/00** (2013.01 - EP US); B65H 2301/5111 (2013.01 - EP US); B65H 2511/512 (2013.01 - EP US)

Citation (search report)

See references of WO 2004073999A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004073999 A1 20040902; DE 10307798 A1 20040909; EP 1599343 A1 20051130; EP 1599343 B1 20140409; JP 2006521940 A 20060928; JP 4518418 B2 20100804; US 2006156942 A1 20060720; US 9333792 B2 20160510

DOCDB simple family (application)

EP 2004001767 W 20040223; DE 10307798 A 20030224; EP 04713534 A 20040223; JP 2006501927 A 20040223; US 54497204 A 20040223