Title (en)

Method and device for validating a security print

Title (de)

Verfahren und Anordnung zur Uberprüfung eines Sicherheitsabdruckes

Title (fr)

Procédé et dispositif pour vérifier un motif destiné à la sécurité

Publication

EP 1118964 A1 20010725 (DE)

Application

EP 01250022 A 19941019

Priority

- DE 4344471 A 19931221
- EP 94250259 A 19941019

Abstract (en)

[origin: EP0660270A2] An arrangement for generating and checking a security imprint consists of a franking machine with a microprocessor in a control unit (6), which microprocessor performs an encoding in the form of marking pixel image data and which inserts these into the remaining fixed and variable pixel image data during the printing operation. The method comprises steps for forming a series of marking symbols from an encoded combination number which is composed of at least one first number (the sum of all the postage values since the last reloading date), a third number (postage value) and a fourth number (from the serial number), and makes it possible for a postal authority to check the security imprint, manipulations being detected by the inclusion of further data stored and/or computed at the data centre. A checking arrangement (29) has a marking reader (24) consisting of a CCD line-scan camera (241), D/A converter (243), comparator (242) and encoder (244) which are connected to an input means (25) via an input/output unit (245). In order to evaluate marking data by means of a computer (26), storage means (28) and output means (27), the input means (25) is connected to the data centre. <IMAGE>

Abstract (de)

Das Verfahren zur Überprüfung eines Sicherneitsabdruckes, welcher zuvor von einer Frankiermaschine erzeugt wurde, wird in einer Postbehörde durchgeführt. Unter Einbeziehung weiterer in der Datenzentrale gespeicherter und/oder errechneter Daten können Manipulationen erkannt werden. Eine Anordnung zur Überprüfung des Sicherheitsabdrucks weist ein Markierungslesegerät (24) auf, bestehend aus einer CCD-Zeilenkamera (241), D/A-Wandler (243), Komparator (242) und Encoder (244), welche über eine Ein/Ausgabeeinheit(245) mit einem Eingabemittel (25) verbunden sind. Das Eingabemittel(25) ist mit der Datenzentrale verbunden, um mittels eines Computers (26), Speicher- (28) und Ausgabemittel (27) Markierungsdaten auszuwerten. <IMAGE>

IPC 1-7

G07B 17/00

IPC 8 full level

G07B 17/00 (2006.01); **G07B 17/04** (2006.01)

CPC (source: EP US)

G07B 17/00193 (2013.01 - EP US); **G07B 17/00435** (2013.01 - EP US); **G07B 17/00508** (2013.01 - EP US); **G07B 17/00733** (2013.01 - EP US); G07B 2017/00161 (2013.01 - EP US); G07B 2017/00258 (2013.01 - EP US); G07B 2017/00443 (2013.01 - EP US); G07B 2017/0058 (2013.01 - EP US); G07B 2017/00588 (2013.01 - EP US); G07B 2017/00604 (2013.01 - EP US); G07B 2017/00645 (2013.01 - EP US); G07B 2017/00701 (2013.01 - EP US); G07B 2017/00709 (2013.01 - EP US); G07B 2017/00741 (2013.01 - EP US); G07B 2017/0075 (2013.01 - EP US); G07B 2017/0079 (2013.01 - EP US); G07B 2017/0083 (2013.01 - EP US)

Citation (applicant)

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