

Title (en)

METHOD FOR PREVENTING COUNTERFEITING OR ALTERATION OF A PRINTED OR ENGRAVED SURFACE

Title (de)

VERFAHREN ZUR VORBEUGUNG DER VERFÄLSCHUNG ODER ÄNDERUNG VON BEDRUCKTEN ODER GRAVIERTEN FLÄCHEN

Title (fr)

PROCEDE DESTINE A PREVENIR LA CONTREFAÇON OU L'ALTERATION D'UNE SURFACE IMPRIMEE OU GRAVEE

Publication

**EP 1319219 B1 20101117 (FR)**

Application

**EP 01964793 A 20010917**

Priority

- CH 0100560 W 20010917
- CH 18322000 A 20000920

Abstract (en)

[origin: WO0225599A1] The invention concerns a method for preventing counterfeiting or alteration of a printed or engraved surface, characterised in that it consists in incorporating a signature in the form of a digital watermark in part of or in the entire document, and in particular using a technique of digital watermark enabling to mask invisible data by overstriking using the technique known as asymmetric amplitude modulation. Said technique can be applied to all types of printed material such as paper, packages or any other surface. Visible data can also be printed over the watermark. For example, a paper document comprising such a watermark enables to guarantee its authenticity for any copying eliminates the signature.

IPC 8 full level

**G07D 7/004** (2016.01); **G07D 7/005** (2016.01)

CPC (source: EP US)

**G07D 7/004** (2013.01 - EP US); **G07D 7/0056** (2017.04 - EP US)

Cited by

US9552543B2; US10235618B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0225599 A1 20020328**; AT E488822 T1 20101215; CN 1252653 C 20060419; CN 1475001 A 20040211; DE 60143487 D1 20101230; DK 1319219 T3 20110221; EP 1319219 A1 20030618; EP 1319219 B1 20101117; EP 2261867 A2 20101215; EP 2261867 A3 20121219; EP 2261867 B1 20180718; ES 2356598 T3 20110411; US 2004013285 A1 20040122; US 7684088 B2 20100323

DOCDB simple family (application)

**CH 0100560 W 20010917**; AT 01964793 T 20010917; CN 01818814 A 20010917; DE 60143487 T 20010917; DK 01964793 T 20010917; EP 01964793 A 20010917; EP 10174049 A 20010917; ES 01964793 T 20010917; US 38091403 A 20030804