

Title (en)
TRACEABLE MARKER OF A SECURITY FEATURE

Title (de)
RÜCKVERFOLGBARE KENNZEICHNUNG EINES SICHERHEITSMERKMALS

Title (fr)
TRAÇABILITÉ D'UN MARQUAGE D'UNE CARACTÉRISTIQUE DE SÉCURITÉ

Publication
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Application
EP 11767624 A 20110914

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• EP 2011004616 W 20110914

Abstract (en)
[origin: WO2012034691A1] The invention relates to a method for unambiguous tracing of a security feature (1), in which first of all an unambiguous first marker (Co) of the security feature (1) is linked (S1) to the security feature (Co). Upon every transmission of the security feature (1) by a transmitter (P1, P2) to a receiver (P1, P2, P3) a sequence marker (C1, C2, C3) is formed (S2), by encrypting a marker (C0, C1, C2) already linked to the security feature (1) - i.e. either the first marker (Co) or a sequence marker (C1, C2) resulting from an earlier transmission - with a secret key (SK1, SK2, SK3) of the particular receiver (P1, P2, P3) of the security feature (1). The sequence marker (C1, C2, C3) is then also linked (S3, S3') to the security feature (1), so that all transmissions of the security feature (1) can be traced, verified and evaluated (S5) using the sequence markers (C1, C2, C3) linked thereto.

IPC 8 full level
G06Q 10/00 (2012.01)

CPC (source: EP)
G06Q 10/08 (2013.01); **G06Q 10/087** (2013.01)

Citation (search report)
See references of WO 2012034691A1

Citation (examination)
RIVEST R L ET AL: "A method for obtaining digital signatures and public-key cryptosystems", COMMUNICATIONS OF THE ACM, ASSOCIATION FOR COMPUTING MACHINERY, INC, UNITED STATES, vol. 21, no. 2, 1 February 1978 (1978-02-01), pages 120 - 126, XP058222365, ISSN: 0001-0782, DOI: 10.1145/359340.359342

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