

Title (en)

PRODUCT PROTECTION GATEWAY AND METHOD FOR AUTHENTICITY CHECKING OF PRODUCTS

Title (de)

PRODUKTSCHUTZ-PORTAL UND VERFAHREN ZUR ECHTHEITSPRÜFUNG VON PRODUKTEN

Title (fr)

PORTAIL DE PROTECTION DE PRODUITS ET PROCEDE DE CONTROLE DE L'AUTHENTICITE DE PRODUITS

Publication

EP 1646988 A2 20060419 (DE)

Application

EP 04739329 A 20040525

Priority

- EP 2004005581 W 20040525
- DE 10328328 A 20030625

Abstract (en)

[origin: WO2004114173A2] The invention relates to a product protection system, whereby a product piece is provided with a product-specific identification sequence (K) which is converted into a coded check sequence (C), by means of an encoding method (F1) using a secret encoding sequence (B). A product control sequence (8) is applied to or on the product piece which comprises the coded check sequence (C), or a sequence derived therefrom. In order to check the authenticity of the product piece, the product control sequence is recorded by a control requester and transmitted by internet (10) to a product protection server structure (11). A decoded check sequence is derived therein from the product control sequence (8) by means of a decoding method (F2) using a decoding sequence (A). The authenticity of the decoded check sequence, or a sequence derived therefrom is checked and the result of the authenticity check transmitted by internet (10) to the control requester.

IPC 1-7

G07C 11/00

IPC 8 full level

G06Q 30/02 (2012.01); **G07C 11/00** (2006.01); **H04L 9/32** (2006.01)

CPC (source: EP US)

G06Q 30/0283 (2013.01 - EP US); **H04L 9/3236** (2013.01 - EP US)

Citation (search report)

See references of WO 2004114173A2

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004114173 A2 20041229; WO 2004114173 A3 20050526; WO 2004114173 A8 20050915; CN 100583170 C 20100120;
CN 1813272 A 20060802; DE 10328328 A1 20050120; DE 10328328 B4 20150603; EP 1646988 A2 20060419; JP 2007507120 A 20070322;
US 2006100964 A1 20060511; US 2009276360 A1 20091105; US 2011082795 A1 20110407; US 7580895 B2 20090825;
US 8606716 B2 20131210

DOCDB simple family (application)

EP 2004005581 W 20040525; CN 200480017958 A 20040525; DE 10328328 A 20030625; EP 04739329 A 20040525;
JP 2006515790 A 20040525; US 31114605 A 20051220; US 50269309 A 20090714; US 96886910 A 20101215