(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 May 2007 (18.05.2007)

PCT

(10) International Publication Number
WO 2007/056420 A3

(51) International Patent Classification:
G06F 7/00 (2006.01)

(21) International Application Number:
PCT/US2006/043427

(22) International Filing Date:
7 November 2006 (07.11.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/734,915 9 November 2005 (09.11.2005) US

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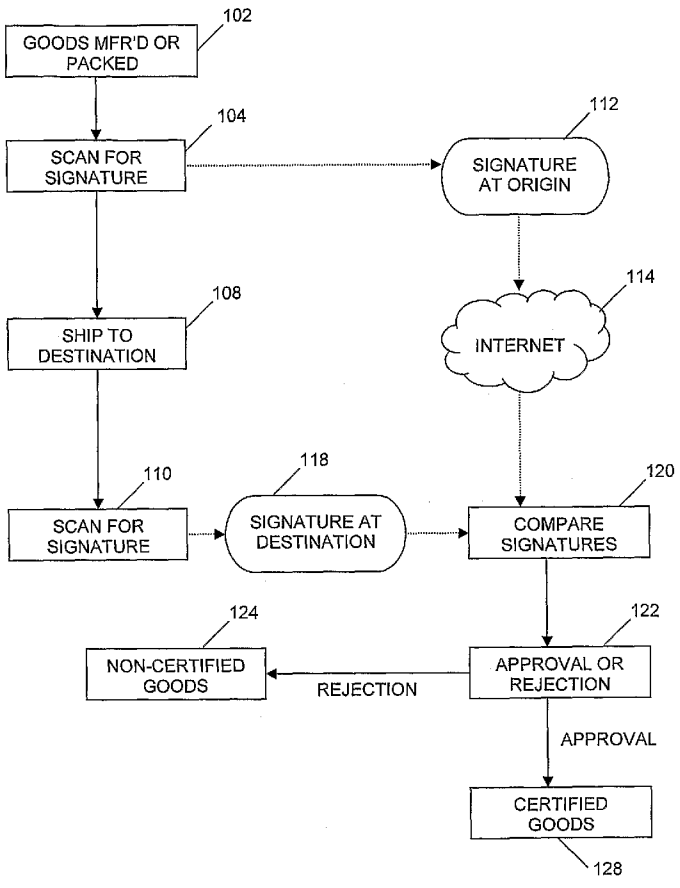
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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,

[Continued on next page]

(54) Title: METHODS AND SYSTEMS FOR ACTIVE NON-INTRUSIVE INSPECTION AND VERIFICATION OF CARGO AND GOODS



(57) Abstract: Systems and methods are disclosed herein for the non-intrusive inspection and/or verification of cargo. In an exemplary embodiment, an elemental signature is determined at a first point in a supply chain and transmitted to a second point in the supply chain. When the goods arrive at the second point, the elemental signature of the goods may be measured and verified against the original elemental signature. In another embodiment, an elemental signature may be measured to verify the origin or identity of the goods, hi some embodiments such elemental signatures are inherent to the shipped goods and/or their packaging, hi other embodiments, elemental signatures are applied to the shipment as tag materials.

WO 2007/056420 A3

RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

— *with amended claims*

(88) Date of publication of the international search report:
4 October 2007

Date of publication of the amended claims:
22 November 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.