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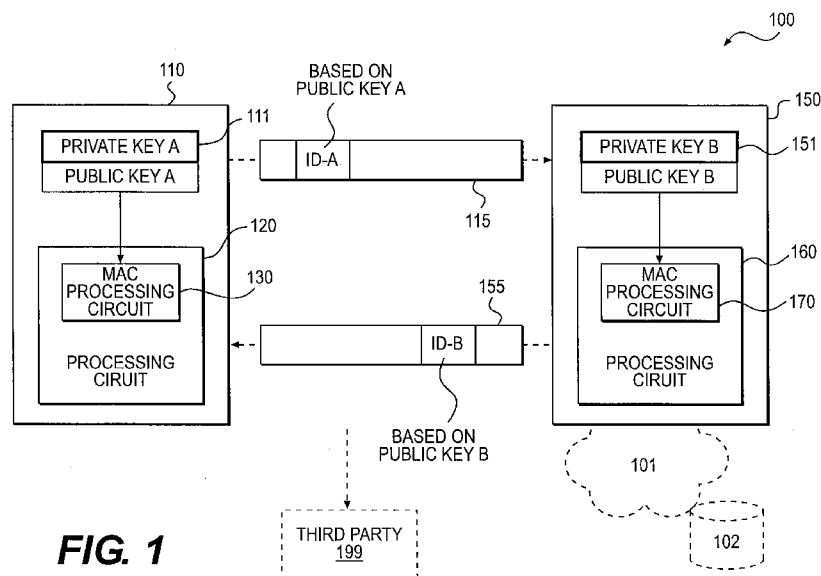


FIG. 1

(57) Abstract: Aspects of the disclosure provide a method. The method includes generating an identification based on a public key of an asymmetric key pair for a device, including the identification into an information unit to identify the device as a source of the information unit and transmitting the information unit.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2013/031545

A. CLASSIFICATION OF SUBJECT MATTER
INV. H04L9/08
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/104243 A1 (PARK SOO-HONG [KR]) 18 May 2006 (2006-05-18) paragraph [0028] - paragraph [0046] figure 5	1-20
X	----- US 2011/039592 A1 (HADDAD WASSIM [US] ET AL) 17 February 2011 (2011-02-17) abstract paragraph [0019] - paragraph [0021]	1-20
X	----- US 2006/253704 A1 (KEMPF JAMES [US] ET AL) 9 November 2006 (2006-11-09) abstract paragraph [0027] - paragraph [0035] ----- -/-	1-20



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	VAN BEIJNUM I: "Crypto Based Host Identifiers; draft-van-beijnum-multi6-cbhi-00.txt", 20040101, 1 January 2004 (2004-01-01), XP015036389, ISSN: 0000-0004 the whole document -----	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2006104243 A1	18-05-2006	KR 20060044284 A US 2006104243 A1	16-05-2006 18-05-2006
US 2011039592 A1	17-02-2011	CN 102577462 A EP 2465279 A1 JP 2013502156 A KR 20120055683 A TW 201136341 A US 2011039592 A1 WO 2011019549 A1	11-07-2012 20-06-2012 17-01-2013 31-05-2012 16-10-2011 17-02-2011 17-02-2011
US 2006253704 A1	09-11-2006	JP 2009503916 A US 2006253704 A1 WO 2007027241 A2	29-01-2009 09-11-2006 08-03-2007