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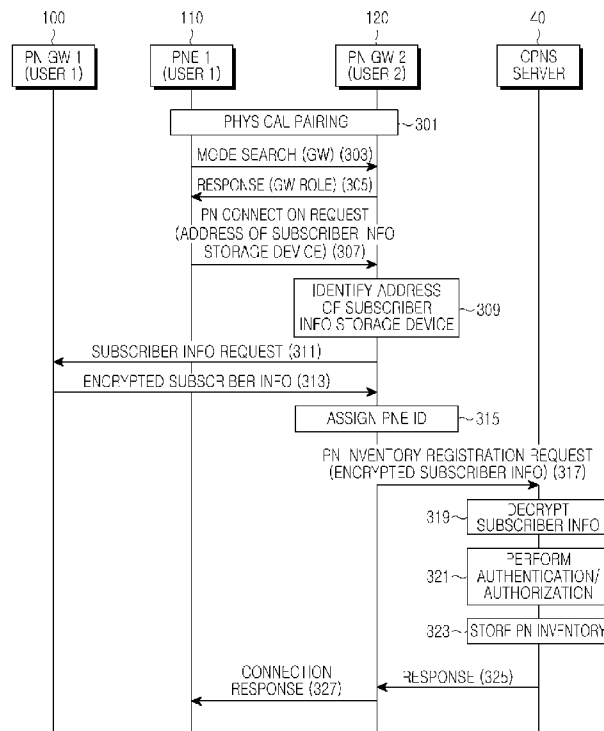
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[Continued on next page]

(54) **Title:** METHOD AND APPARATUS FOR PROVIDING SERVICE USING PERSONAL NETWORK

(57) **Abstract:** A method and apparatus in which a device capable of near-field communication receives a service from an external network using a communication function of a device capable of accessing the external network. A personal network is formed with devices having different users, and subscriber information for each user is safely acquired and authenticated, making it possible to provide a service received from the external network to the devices included in the personal network more conveniently.

[Fig. 7]



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**A. CLASSIFICATION OF SUBJECT MATTER*****H04W 12/06(2009.01)i, H04W 8/20(2009.01)i, H04W 92/02(2009.01)i***

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)

H04W 12/06; H04L 29/02; H04J 3/06; H04W 28/06; H04W 48/18; H04L 12/16

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) &amp; Keywords: near-far, authentication, tethering

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 10-2003-0033560 A (KTFREETEL CO., LTD.) 01 May 2003 See abstract; claims 1,3-4; figures 1,6-8 and corresponding specifications.	1-20
A	US 2005-0025117 A1 (INAGAKI TAKEO et al.) 03 February 2005 See abstract; paragraphs [0056]-[0062]; claims 22-24 and figure 33.	1-20
A	KR 10-2009-0106511 A (LIPSO SYSTEMES INC.) 09 October 2009 See abstract; paragraphs [0006]-[0008],[0020]-[0021]; claims 1,20 and figures 1,3.	1-20

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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Date of the actual completion of the international search

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/KR2010/007167**

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