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DO, 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,
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TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,

[Continued on next page]

(54) **Title:** METHODS AND APPARATUS FOR IMPROVING DEVICE ACTIVATION AMONG A PLURALITY OF NFC DEVICES THAT SUPPORT TYPE A RF TECHNOLOGY

500 (57) **Abstract:** Aspects disclosed herein relate to improving device activa-
tion among a plurality of NFC type-A RF technology listening devices. In
one example, a communications device is equipped to determine that a re-
mote NFC device of a plurality of resolved remote NFC devices, other than a
last remote NFC device of the plurality of resolved remote NFC devices, is a
target NFC device for a device activation process, and transmit a first sleep
request to the last remote NFC device of the plurality of resolved remote
NFC devices.

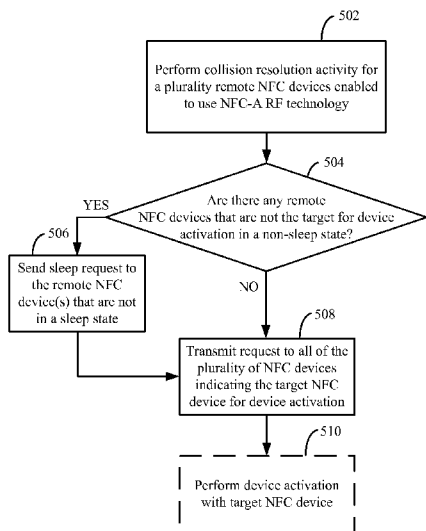


FIG. 5

WO 2013/155017 A3



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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ADD. H04W84/18

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

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, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>John Hillan: "Correction to NFC-A Collision Resolution Activity", 3 February 2012 (2012-02-03), XP055059795, Retrieved from the Internet: URL:http://www.nfc-forum.org/apps/group_public/download.php/11097/Qualcomm%20Input%20Paper%20on%20NFC-A%20Collision%20Resolution.docx [retrieved on 2013-04-16] page 2 - page 4</p> <p style="text-align: center;">----- -/--</p>	1-32

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PCT/US2013/035674

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>"NFC Activity Specification 1.0", ³ 18 November 2010 (2010-11-18), XP055059248, Retrieved from the Internet: URL:http://www.nfc-forum.org/specs/spec_license/document_form/custom_layout?1365423337032 [retrieved on 2013-04-11] cited in the application table 7 page 35 page 55 - page 56 page 62 - page 66 page 74 - page 81 page 113</p>	1-32
X,P	<p>----- John Hillan: "Symmetrical NFC-A Device Activation", www.nfc-forum.org ³ 12 April 2012 (2012-04-12), XP002716185, Retrieved from the Internet: URL:http://www.nfc-forum.org/apps/group_public/download.php/11659/Qualcomm%20Input%20Paper%20on%20Symmetrical%20NFC-A%20Device%20Activation.docx [retrieved on 2013-11-12] the whole document -----</p>	1-32