



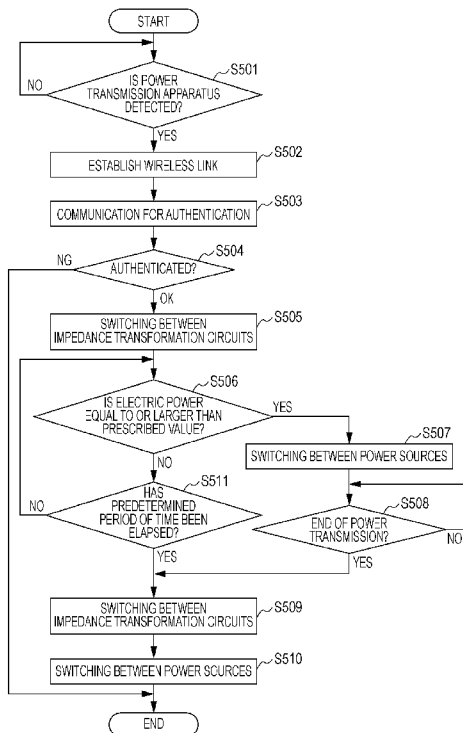
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[Continued on next page]

(54) Title: WIRELESS POWER TRANSMISSION/RECEPTION APPARATUS

[Fig. 5]



(57) Abstract: A wireless power transmission apparatus includes a first antenna unit configured to perform wireless power transmission with another apparatus, a communication unit configured to include a second antenna unit which is different from the first antenna unit and perform communication for authentication in the wireless power transmission with the other apparatus using electric power received through the first antenna unit, a load configured to operate using the electric power received through the first antenna unit; and a transformation unit configured to be connected to the first antenna unit and perform impedance transformation. The transformation unit performs impedance transformation in accordance with electric power consumed by the communication unit during the communication for authentication performed by the communication unit and performs impedance transformation in accordance with electric power consumed by the load when the authentication is successfully performed.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.
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B. FIELDS SEARCHED
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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)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2013/130621 A1 (KIM DONG ZO [KR] ET AL) 23 May 2013 (2013-05-23) the whole document	1-11
A	US 2012/038220 A1 (KIM JEONG HOON [KR] ET AL) 16 February 2012 (2012-02-16) the whole document	1-11

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Date of the actual completion of the international search 30 March 2015	Date of mailing of the international search report 08/04/2015
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Kyranos, Elias
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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
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