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(54) Title: POWER RECEIVING DEVICE, POWER TRANSMITTING DEVICE, AND ELECTRIC VEHICLE

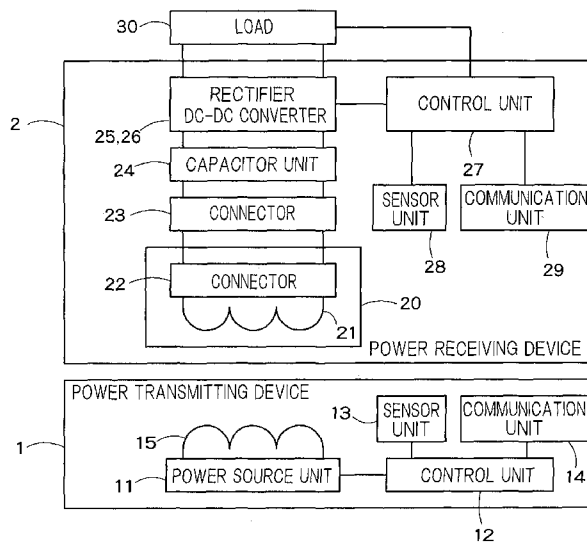


FIG. 1

(57) Abstract: In one embodiment, a power receiving device includes a power receiving inductor wirelessly receiving electric power from a power transmitting device, a capacitor unit connected to the power receiving inductor, a communication unit exchanging a power transmission status or a power reception status with the power transmitting device, a sensor unit performing at least one of received power detection, foreign object detection, and temperature detection, and a control unit controlling received power based on information received by the communication unit or a result of the detection performed by the sensor unit. The power receiving inductor includes a magnetic core, a coil winding, and a conductor plate. The magnetic core is provided in a detachable unit detachably attached to a housing of the power receiving device. The sensor unit is provided outside the detachable unit.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 2012/262002 A1 (WIDMER HANSPETER [CH] ET AL) 18 October 2012 (2012-10-18) paragraph [0082] figure 7D	1-11
Y	US 2011/084658 A1 (YAMAMOTO HIROSHI [JP] ET AL) 14 April 2011 (2011-04-14) figure 3	8
Y	DE 20 2009 009689 U1 (CONDUCTIX WAMPFLER AG [DE]) 25 November 2010 (2010-11-25) figure 4	1
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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.
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