

Title (en)

WIRELESS POWER TRANSMISSION SYSTEM, AND METHOD AND APPARATUS FOR ALLOCATING COMMUNICATION CHANNEL AND TRANSMITTING POWER IN WIRELESS POWER TRANSMISSION SYSTEM

Title (de)

DRAHTLOSES LEISTUNGSÜBERTRAGUNGSSYSTEM SOWIE VERFAHREN UND VORRICHTUNG ZUR ZUWEISUNG VON KOMMUNIKATIONSKANÄLEN UND SENDELEISTUNG IN EINEM DRAHTLOSEN LEISTUNGSÜBERTRAGUNGSSYSTEM

Title (fr)

SYSTÈME DE TRANSMISSION DE PUISSANCE SANS FIL, ET PROCÉDÉ ET APPAREIL SERVANT À ATTRIBUER UN CANAL DE COMMUNICATION ET À TRANSMETTRE DE LA PUISSANCE DANS UN SYSTÈME DE TRANSMISSION DE PUISSANCE SANS FIL

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Application

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Abstract (en)

[origin: WO2013022207A1] A wireless power transmission system, and a method and an apparatus for allocating a communication channel and transmitting a power in the wireless power transmission system. If a target device configured to wirelessly receive power from a source device is detected, a controlling communication channel to be used for performing communication with the target device is selected. An initial control signal including an identifier (ID) of the source device and a channel fix command are transmitted to the target device through the selected controlling communication channel. The channel fix command includes a command requesting the target device to use the selected controlling communication channel. A charging power is transmitted from the source device to the target device through a magnetic coupling between the source device and the target device.

IPC 8 full level

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