

Title (en)

ELECTRONIC DEVICE FOR WIRELESSLY RECEIVING POWER AND OPERATION METHOD THEREOF

Title (de)

ELEKTRONISCHE VORRICHTUNG ZUM DRAHTLOSEN EMPFANGEN VON STROM UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF ÉLECTRONIQUE DE RÉCEPTION D'ALIMENTATION SANS FIL ET PROCÉDÉ DE COMMANDE ASSOCIÉ

Publication

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Application

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Priority

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- KR 20170081282 A 20170627
- KR 2018004142 W 20180409

Abstract (en)

[origin: KR20180115201A] Provided is an electronic device for wirelessly receiving power which can maintain the relatively high power transmitting and receiving efficiency. According to various embodiments of the present invention, the electronic device comprises: a first core including a first portion extended in a first direction and a second portion extended in a second direction different from the first direction; a first coil wound around the first portion and extended in the first direction; a second coil wound around the second portion and extended in the second direction; and a power processing circuit for processing power wirelessly received from a wireless power transmitting device through at least one of the first coil or the second coil.

IPC 8 full level

**H02J 50/40** (2016.01); **G05F 1/66** (2006.01); **H01F 38/14** (2006.01); **H02J 7/02** (2016.01); **H02J 50/10** (2016.01); **H02J 50/12** (2016.01); **H02J 50/20** (2016.01); **H02J 50/50** (2016.01); **H02J 50/60** (2016.01); **H02J 50/80** (2016.01); **H02J 50/90** (2016.01); **H04N 5/63** (2006.01); **H04N 21/443** (2011.01)

CPC (source: EP KR US)

**G05F 1/66** (2013.01 - EP US); **H02J 50/10** (2016.02 - EP KR US); **H02J 50/20** (2016.02 - EP); **H02J 50/60** (2016.02 - EP US); **H02J 50/80** (2016.02 - EP KR US); **H02J 50/90** (2016.02 - KR); **H02J 2310/22** (2020.01 - EP US); **H04N 5/63** (2013.01 - EP); **H04N 21/4436** (2013.01 - EP)

Citation (search report)

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- See also references of WO 2018190593A1

Designated contracting state (EPC)

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