

Title (en)

DEVICE FOR TRANSMITTING ELECTRIC POWER FROM A WALL TO A WING FASTENED TO SAID WALL IN A HINGED MANNER

Title (de)

VORRICHTUNG ZUR ÜBERTRAGUNG VON ELEKTRISCHER LEISTUNG VON EINER WAND ZU EINEM SCHARNIERGELENKIG AN DIESER WAND BEFESTIGTEN FLÜGEL

Title (fr)

DISPOSITIF POUR TRANSMETTRE UNE PUISSANCE ÉLECTRIQUE ENTRE UNE PAROI ET UN BATTANT FIXÉ DE MANIÈRE ARTICULÉE CONTRE CETTE PAROI

Publication

**EP 2625359 A1 20130814 (DE)**

Application

**EP 11763678 A 20110929**

Priority

- DE 202010008711 U 20101004
- EP 2011066997 W 20110929

Abstract (en)

[origin: WO2012045657A1] In the device for transmitting electric power from a fixed wall to a wing attached to the wall in a hinged manner about a hinge axis, with a wall part which can be fastened to the wall, with a wing part which can be fastened to the wing, with a primary coil which is provided on the wall part, and with a secondary coil which is provided on the wing part, wherein the end sides of the primary coil and the secondary coil are arranged facing each other, the primary coil comprises a primary coil winding and a coil housing which has ferromagnetic or ferrimagnetic properties, is open on the end side facing the wing part and at least virtually completely covers the primary coil winding on the opposite end side, and the secondary coil comprises a secondary coil winding and a secondary coil housing which has ferrimagnetic or ferromagnetic properties, is open on the end side facing the wall part and at least virtually completely covers the coil winding on the opposite end side.

IPC 8 full level

**E05D 11/00** (2006.01)

CPC (source: EP US)

**E05D 11/00** (2013.01 - US); **E05D 11/0081** (2013.01 - EP US); **H01F 38/14** (2013.01 - US); **H01F 38/18** (2013.01 - EP US); **E05Y 2400/66** (2013.01 - EP US); **E05Y 2800/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2012045657A1

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