

Title (en)
METHOD FOR THE CONTACTLESS CHARGING OR DISCHARGING OF A BATTERY-OPERATED OBJECT

Title (de)
VERFAHREN ZUM BERÜHRUNGSLOSEN LADEN ODER ENTLADEN EINES BATTERIEBETRIEBENEN OBJEKTS

Title (fr)
PROCÉDÉ DE CHARGE OU DÉCHARGE SANS CONTACT D'UN OBJET FONCTIONNANT SUR BATTERIE

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Application
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Abstract (en)
[origin: WO2016020099A1] The invention relates to a method for the contactless charging or discharging of a battery-operated object (4) via a magnetically coupled coil pair, comprising a primary coil (6) of a charging/discharging station (2) and a secondary coil (8) of the object (4), wherein: in a first step, the object (4) is transferred into a reference position in relation to the charging/discharging station (2); in a second step, a reference parameter is determined in the reference position; in a third step, a lateral desired offset of the object (4) to the charging/discharging station (2) is determined, based on the reference parameter; and in a fourth step, based on the lateral desired offset, the object (4) is transferred into a charging/discharging position in relation to the charging/discharging station (2), in which position the contactless charging or discharging is carried out. The invention also relates to a computer program, a system (100), a charging/discharging station (2) and an object (4), which are designed to carry out the method.

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