

Title (en)

ROTARY COUPLER FOR NON-CONTACT TRANSMISSION OF AN ELECTRICAL SIGNAL AND VEHICLE

Title (de)

DREHKUPPLUNG ZUR BERÜHRUNGSFREIEN ÜBERTRAGUNG EINES ELEKTRISCHEN SIGNALS UND FAHRZEUG

Title (fr)

COUPLEUR ROTATIF POUR TRANSMISSION SANS CONTACT D'UN SIGNAL ELECTRIQUE ET VEHICULE

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Application

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Abstract (en)

[origin: WO2012159622A1] The invention relates to a swivel coupling for the non-contact transmission of an electrical signal, in particular a VHF signal, having a stator electrode (21) and a rotor electrode (11), which is capacitively coupled to the stator electrode (21) and is rotatable with respect to the stator electrode (21), wherein the stator electrode (21) and/or the rotor electrode (11) are/is segmented. The invention also relates to a vehicle (1) having a signal generator, in particular for VHF signals, and an antenna that is connected to the signal generator, wherein the signal generator and the antenna are connected by means of such a swivel coupling.

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