

Title (en)

INSTALLATION FOR THE INDUCTIVE TRANSFER OF ELECTRIC POWER AND METHOD FOR OPERATING AN INSTALLATION

Title (de)

ANLAGE ZUR INDUKTIVEN ÜBERTRAGUNG ELEKTRISCHER LEISTUNG UND VERFAHREN ZUM BETREIBEN EINER ANLAGE

Title (fr)

INSTALLATION DE TRANSFERT INDUCTIF D'ÉNERGIE ÉLECTRIQUE ET PROCÉDÉ DE FONCTIONNEMENT D'UNE INSTALLATION

Publication

EP 4285461 A1 20231206 (DE)

Application

EP 21835219 A 20211208

Priority

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- EP 2021084834 W 20211208

Abstract (en)

[origin: WO2022161678A1] An installation for the inductive transfer of electric power from a primary conductor system of the installation to a secondary winding of a mobile part of the installation, said mobile part being movable relative to the primary conductor system, and a method for operating an installation, wherein the secondary winding is connected to capacitors so as to form an oscillating circuit, wherein the mobile part has a controllable switch by means of which the oscillating circuit can be detuned and/or by means of which at least one sub-region of the oscillating circuit can be short-circuited.

IPC 8 full level

H02J 50/12 (2016.01); **H02M 1/32** (2007.01); **H02M 3/00** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2022161678A1

Designated contracting state (EPC)

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