

Title (en)  
INDUCTION ENERGY SUPPLY DEVICE

Title (de)  
INDUKTIONSENERGIEVERSORGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ALIMENTATION EN ÉNERGIE PAR INDUCTION

Publication  
**EP 4335248 A1 20240313 (DE)**

Application  
**EP 22725848 A 20220427**

Priority  
• EP 21382392 A 20210503  
• EP 2022061146 W 20220427

Abstract (en)  
[origin: WO2022233659A1] The invention is directed to an induction energy supply device (10a; 10b) comprising a supply unit (12a; 12b) that includes at least one supplying induction element (14a; 14b) for inductively providing energy to a positioned unit (16a; 16b), further comprising an inverter unit (18a) for operating the supplying induction element (14a; 14b), also comprising a control unit (20a; 20b) for controlling the inverter unit (18a), and comprising a communication unit (22a; 22b) for wireless communication between the control unit (20a; 20b) and the positioned unit (16a; 16b). In order to enhance ease of operation, according to the invention, the control unit (20a, 20b) is intended to interrupt operation of the inverter unit (18a) at repeated, in particular periodic, intervals during an interruption time window (24a, 26a) for wireless communication.

IPC 8 full level  
**H05B 6/06** (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP)  
**H05B 6/062** (2013.01); **H05B 6/1236** (2013.01); **H05B 2213/06** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022233659 A1 20221110**; EP 4335248 A1 20240313

DOCDB simple family (application)  
**EP 2022061146 W 20220427**; EP 22725848 A 20220427