

Title (en)  
INDUCTION ENERGY TRANSMISSION SYSTEM

Title (de)  
INDUKTIONSENERGIEÜBERTRAGUNGSSYSTEM

Title (fr)  
SYSTÈME DE TRANSMISSION D'ÉNERGIE PAR INDUCTION

Publication  
**EP 4327628 A1 20240228 (DE)**

Application  
**EP 22720963 A 20220405**

Priority  
• EP 21382333 A 20210419  
• EP 2022058962 W 20220405

Abstract (en)  
[origin: WO202223285A1] The invention is directed to an induction energy transmission system (10a; 10b), in particular an induction cooking system, comprising a support plate (12a; 12b), a supply unit (14a; 14b) that is arranged below the support plate (12a; 12b) and includes at least one supply induction element (16a; 16b) for inductively providing energy, further comprising a control unit (18a; 18b) for controlling the supply unit (14a; 14b), and comprising at least one small domestic appliance (20a, 22a; 20b, 22b) to be placed on the support plate (12a; 12b), said small domestic appliance (20a, 22a; 20b, 22b) having at least one accepting induction element (24a; 24b) for receiving the inductively provided energy. In order to enhance ease of use, according to the invention, the induction energy transmission system (10a; 10b) includes an operator's unit (30a, 30b), which is arranged outside the small domestic appliance (20a, 22a; 20b, 22b), for operation of the small domestic appliance (20a, 22a; 20b, 22b) by a user.

IPC 8 full level  
**H05B 6/12** (2006.01); **A47J 27/00** (2006.01); **F24C 7/08** (2006.01)

CPC (source: EP US)  
**F24C 7/083** (2013.01 - EP); **F24C 15/106** (2013.01 - EP); **H05B 6/062** (2013.01 - US); **H05B 6/1236** (2013.01 - EP US);  
**A47J 27/004** (2013.01 - EP); **A47J 36/321** (2018.08 - EP); **H05B 2213/06** (2013.01 - EP US); **Y02B 40/00** (2013.01 - EP)

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 202223285 A1 20221027**; EP 4327628 A1 20240228; US 2024188199 A1 20240606

DOCDB simple family (application)  
**EP 2022058962 W 20220405**; EP 22720963 A 20220405; US 202218285661 A 20220405