Title (en)
Domestic appliance

Title (de)
Hausgerätevorrichtung

Title (fr)
Dispositif d'appareil ménager

Publication
EP 2592899 A3 20130911 (DE)

Application
EP 12191718 A 20121108

Priority
ES 201131829 A 20111114

Abstract (en)
[origin: EP2592899A2] The device (28a) has a heater coil (10a) partially or completely engaging a coupling coil, where the heater and coupling coils are concentrically arranged. A heater coil surface (14a) of the heater coil and a coupling coil surface (16a) of the coupling coil are arranged at an angle of about 45 degrees with respect to each other. A longitudinal extension of the coupling coil is twice as large as a transverse extension of the coupling coil, which is perpendicular to the longitudinal extension. The longitudinal and transverse extensions are parallel to the coupling coil surface.

IPC 8 full level
H05B 6/12 (2006.01)

CPC (source: EP)
H05B 6/1218 (2013.01); **H05B 6/1236** (2013.01); H05B 2213/03 (2013.01)

Citation (search report)
- [XYI] US 6498325 B1 20021224 - AKEL DOMINIQUE [FR], et al
- [XD] EP 1317164 B1 20070321 - EGO ELEKTRO GERAETEBAU GMBH [DE]
- [X] EP 1250029 A1 20021016 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [Y] JP 2007199356 A 20070809 - KONICA MINOLTA BUSINESS TECH

Cited by
EP3462815A1; WO2023052060A1; WO2023052061A1; WO2023052062A1

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

DOCDB simple family (publication)
EP 2592899 A2 20130515; **EP 2592899 A3 20130911**; **EP 2592899 B1 20170426**; ES 2628858 T3 20170804

DOCDB simple family (application)
EP 12191718 A 20121108; ES 12191718 T 20121108