

Title (en)
Domestic appliance

Title (de)
Hausgerät

Title (fr)
Appareil ménager

Publication
EP 2662629 A1 20131113 (DE)

Application
EP 12401086 A 20120510

Priority
EP 12401086 A 20120510

Abstract (en)
The domestic appliance (1) has a treatment chamber (2) that is operatively connected with the antenna (3) through a connecting unit (5). A coupling unit (4) is provided in the treatment chamber and is provided an arbitrarily shaped coupling element. A transmitting and/or receiving unit (11) is arranged in the coupling unit used for electromagnetic waves. The matching elements of different areas are arranged in the coupling unit. An insulator (7) is arranged between the coupling unit and the antenna.

Abstract (de)
Hausgerät (1) mit einem Behandlungsraum (2), dem eine Antenne (3) zugeordnet ist. Es ist in dem Behandlungsraum (2) eine Koppelanordnung (4) vorgesehen ist, die mit der Antenne (3) über eine Verbindungseinrichtung (5) in Wirkverbindung steht.

IPC 8 full level
F24C 7/08 (2006.01); **H01Q 1/00** (2006.01)

CPC (source: EP)
F24C 7/085 (2013.01); **H01Q 1/52** (2013.01); **H01Q 9/32** (2013.01)

Citation (search report)

- [XI] DE 102007043370 B3 20080925 - MIELE & CIE [DE]
- [X] DE 102008029218 A1 20091224 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [X] DE 102005046012 B3 20061005 - MIELE & CIE [DE]

Cited by
CN109073236A; WO2017178160A1; DE102023201293A1; WO2024170493A1

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 2662629 A1 20131113; **EP 2662629 B1 20171004**; ES 2649946 T3 20180116

DOCDB simple family (application)
EP 12401086 A 20120510; ES 12401086 T 20120510