

Title (en)

DOMESTIC APPLIANCE HAVING AN ENERGY TRANSMISSION DEVICE

Title (de)

HAUSHALTSGERÄT MIT ENERGIEÜBERTRAGUNGSEINRICHTUNG

Title (fr)

APPAREIL ÉLECTROMÉNAGER POURVU D'UN DISPOSITIF DE TRANSMISSION D'ÉNERGIE

Publication

EP 3963265 A1 20220309 (DE)

Application

EP 20722511 A 20200422

Priority

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Abstract (en)

[origin: WO2020224966A1] A domestic appliance (1) comprises: a treatment chamber having a loading opening that can be closed by means of a door (4) which can be pivoted via door hinges (2), which door (4) comprises at least one electrical load; and at least one energy transmission device (5), which has a primary side (8) that comprises at least one primary coil (10), and a secondary side (9) that comprises at least one secondary coil (12); wherein: the secondary side (9) is arranged on the door (4) and is electrically connected to the at least one load; the primary coil (10) can be coupled in the manner of a transformer to the secondary coil (12), at least when the door (4) is closed; and the primary side (8) is attached to a stationary part of a corresponding door hinge (2). The invention can be advantageously applied in particular to domestic cooking appliances such as ovens and/or microwave ovens.

IPC 8 full level

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CPC (source: EP US)

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