

Title (en)

A HOUSEHOLD APPLIANCE WITH IMPROVED WIRELESS COMMUNICATION CAPACITY

Title (de)

HAUSHALTSGERÄT MIT VERBESSERTER DRAHTLOSER KOMMUNIKATIONSKAPAZITÄT

Title (fr)

APPAREIL ÉLECTROMÉNAGER À CAPACITÉ DE COMMUNICATION SANS FIL AMÉLIORÉE

Publication

EP 3732747 A1 20201104 (EN)

Application

EP 18826719 A 20181221

Priority

- TR 201722543 A 20171228
- EP 2018086595 W 20181221

Abstract (en)

[origin: WO2019129712A1] The present invention relates to a household appliance (1) comprising a front panel (2), a mainboard (3) provided in the front panel (2), a button (4) made of a non-metal material, having a plurality of tabs (43) to attach it to the front panel (2), a detection unit (6) for detecting the rotational motions of the button (4), connected to the mainboard (3), having a pin (5) connected to the button (4); an antenna card (7) placed between the detection unit (6) and the button (4) such that the pin (5) of the detection unit (6) can pass through the hole (72), comprising a card (71), a hole (72) of a size through which the pin (5) can pass, disposed on said card (71), a first conductive wire (73) spacedly wound about the hole (72), and a second conductive wire (74) disposed on an edge of the card (71) to connect it to the ground; and two connectors (8) for data communication between the antenna card (7) and the mainboard (3).

IPC 8 full level

H01Q 1/22 (2006.01); **H01H 19/00** (2006.01); **H01Q 1/38** (2006.01)

CPC (source: EP)

H01Q 1/22 (2013.01); **H01Q 1/38** (2013.01); **H01H 19/14** (2013.01)

Citation (search report)

See references of WO 2019129712A1

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)

WO 2019129712 A1 20190704; EP 3732747 A1 20201104; TR 201722543 A2 20190722

DOCDB simple family (application)

EP 2018086595 W 20181221; EP 18826719 A 20181221; TR 201722543 A 20171228