

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

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Application
EP 18826719 A 20181221

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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).

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