

Title (en)

ELECTRONIC UNIT HAVING A HOUSING AND AN ANTENNA ASSEMBLY

Title (de)

ELEKTRONISCHES GERÄT MIT EINEM GEHÄUSE UND EINER ANTENNENANORDNUNG

Title (fr)

APPAREIL ÉLECTRONIQUE COMPORTANT UN BOITIER ET UN AGENCEMENT D'ANTENNE

Publication

**EP 3791441 A1 20210317 (DE)**

Application

**EP 19723715 A 20190502**

Priority

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- EP 2019061230 W 20190502

Abstract (en)

[origin: WO2019215004A1] The invention relates to an electronic unit having a housing (1) and an antenna assembly (2), the unit comprising a supporting board assembly with a supporting board (3) and at least one electronic component (4) situated thereon, the housing (1) having at least a first housing part (5) and a second housing part (6), and the antenna assembly (2) comprising at least a first feed-in device (7). According to the invention, the antenna assembly (2) has at least a first waveguide (9) which is integrated into the supporting board (3), is connected to the at least first feed-in device (7) in the feed-in region of the waveguide, and one end of which points towards an environment outside the housing (1), wherein the supporting board assembly has contact with the environment outside the housing (1) or with an electrically insulating region of the housing (1). A particularly robust and compact unit with an integrated antenna is achieved thereby.

IPC 8 full level

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Citation (search report)

See references of WO 2019215004A1

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