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(54) Title: TEMPERATURE CONTROL DEVICE FOR REFRIGERATORS

(57) Abstract

A temperature control device in a refrigerator having at least one compartment (RC or FC) defined by top, bottom and opposite side walls (TW; BW; and SW), and a heat insulating material (12) exteriorly encircling the compartment. One of the side walls (SW) has a mounting hole (2) defined therein and having a front surface thereof confronting the compartment (RC or FC). The device includes a box-like console (C), a circuit carrier board (3) fixedly connected to a rear surface of the console (C) and having an electric wiring (11) extending outwardly therefrom, a display panel (30) disposed on a front surface of the console (C), at least one manipulatable temperature control element (31a, 31b, 31c: PB, LED) mounted on the console (C), a hat-like console casing (13) having a peripheral flange (10) and fixedly secured to the side wall (SW) in alignment with the mounting hole (2) with the peripheral flange (10) held in abutment with a rear surface of the side wall (SW) so as to define a console pocket (CP), and a plurality of mounting elements (6a, 6b; 55) engageable with one side edge of the side wall (SW) around the mounting hole (2) for securement of the console (C) to the side wall (SW). The console (C) is received in the console pocket (CP) with the electric wiring (11) accommodated within the console pocket (CP) and with the display panel (30) and the temperature control element confronting the compartment.

