

ABSTRACT OF THE DISCLOSURE
HANDHELD VACUUM SUCTION DEVICE

Disclosed is a handheld vacuum suction device, and in particular, a handheld vacuum suction device that has a suction nozzle for making an inflow of moisture into a vacuum pump be minimized, and is capable of improving durability of a pressure switch, and simplifying the internal configuration by using a diaphragm-type vacuum pump.

A handheld vacuum suction device (10) includes: an exterior case (12a, 12b); a cap (16) that includes a suction nozzle; a pressure switch unit (40) that includes a pressure switch (44) having a slide body configured to descend against a spring when a pressure in the cap falls below a predetermined pressure, to thereby cut off power supply, and a vertical through suction duct (46); a vacuum pump (50) that includes an inlet port connected to the suction duct and sucks in air; and a control that includes an actuating switch, and is electrically connected to the vacuum pump (50) and the pressure switch (44) to control the actuation of the vacuum pump (50).

FIG. 5

