

Title (en)
SLIDER SWITCH AND THERMOSTAT CONTROLLER USING THE SAME

Title (de)
SCHIEBESCHALTER UND THERMOSTATREGLER DAMIT

Title (fr)
COMMUTATEUR À GLISSIÈRE ET DISPOSITIF DE COMMANDE DE THERMOSTAT L'UTILISANT

Publication
EP 2599097 A4 20140723 (EN)

Application
EP 10855165 A 20100728

Priority
CN 2010075511 W 20100728

Abstract (en)
[origin: WO2012012937A1] A slider switch and a thermostat controller using the same are provided. The switch comprises a base (30), a slider (10), several pins (20) arranged in two rows, and a contact element (12) for electrically connecting a pair of neighboring pins in the same row. A first elastic element (34) and a contact sheet (32) are provided along the glide direction. One end of the first elastic element is connected with the base, the other end of the first elastic element is connected with the contact sheet, and one end surface of the slider adjacent to the contact sheet can be pressed against the contact sheet from a direction opposite to the first elastic element. When each of the contact elements is in contact with a pair of the pins closest to the contact sheet, the contact sheet is separate from the two pins closest to the contact sheet with the pressure from the slider; and when each of the contact elements is in contact with other pins of pins other than those closest to the contact sheet, the contact sheet is pressed against the two pins closest to the contact sheet by the first elastic element. The slider switch can be used for fan control in the thermostat controller as well as occasions requiring switch and connection among multiple circuits.

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Citation (search report)

- [X] DE 8527547 U1 19860130
- [A] US 2004108190 A1 20040610 - WONG KIN YU [HK]
- [A] GB 1205925 A 19700923 - EMI LTD
- [A] GB 1503251 A 19780308 - PHILIPS LTD
- See references of WO 2012012937A1

Designated contracting state (EPC)
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