

Title (en)
Electrical switch with compensating feature

Title (de)
Elektrischer Schalter mit Ausgleichsfunktion

Title (fr)
Interrupteur électrique avec fonction de compensation

Publication
EP 2469558 A1 20120627 (EN)

Application
EP 10197092 A 20101227

Priority
EP 10197092 A 20101227

Abstract (en)
The invention relates to an electrical switch for residential and commercial applications. It is comprised of a switch insert (10) and a frame and rocker (20,30) sub-assembly comprising a frame (20), rocker(s) (30) and a rocker adapter (21). A rocker adapter (21) is snap-fit onto the centre of the frame (20) opening. A rocker (30) or double rockers (30) are assembled with snap-fit means (31) onto the pins (22) on the rocker adapter (21), thereby allowing the rocker (30) to centre itself to the frame (20) opening and rock back and forth on the rocker adapter (21) pin (22) axis. When the frame and rocker (20,30) sub-assembly is assembled on the switch insert (10), the flanges of the frame (23) and the rocker adapter tabs (41) slide over the primary tabs (14) with teeth and the secondary tabs (37) on the insert adapter (15) of the switch insert (10). The frame and rocker (20,30) sub-assembly is capable of movement in 6 axis over the insert (10). The additional 3 axis of movement allows the spacing and orientation between the switch inserts (10) to be less perfect, thereby making gang-frame (26) and multi-switch insert (10) installations easy, trouble-free and time-saving; Furthermore, this switch design allows the frame (20) or gang-frame (26) to align itself to uneven wall surfaces (40) thereby eliminating any separation between the frame (20) or gang-frame (26) and the wall (40).

IPC 8 full level
H01H 23/14 (2006.01); **H02G 3/14** (2006.01)

CPC (source: EP)
H01H 23/143 (2013.01)

Citation (search report)
• [X1] DE 102004033462 B3 20051020 - BERKER GMBH & CO KG [DE]
• [X1] DE 19745019 A1 19990415 - MERTEN GMBH & CO KG GEB [DE]
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

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