

Title (en)

ELECTRICAL SWITCH WITH A SWITCHING CONTACT FOR A PHASE CONDUCTOR AND A SWITCHING CONTACT FOR A NEUTRAL CONDUCTOR

Publication

**EP 0155588 B1 19890607 (DE)**

Application

**EP 85102458 A 19850305**

Priority

DE 3410157 A 19840320

Abstract (en)

[origin: EP0155588A2] 1. Electrical switch, arranged in a flat housing which is preferably of shell construction and which is to be installed vertically, having one switch contact point (20, 21, 22, 23) each for a phase conductor and for a neutral conductor, having terminals (16, 17, 18, 19) for the two contact points accessible from the outside and lying directly adjacent to one another on opposite narrow sides of the housing in a front view or lying adjacent to one another offset at a distance, and having a toggle (30) forming a first lever arm which projects out of the housing on the front narrow side, which can be pivoted into two end positions about a horizontally extending axis and which serves for manual switching on and switching off of the contact points, said toggle being of a two-armed switch lever (15, 31), the second lever arm (26) of which is directed into the housing interior and which is connected to a toggle lever (25) in articulated manner for direct and/or indirect actuation of the switch contact points (20, 21, 22, 23), characterized in that the space offered in the interior of the housing permits mounting of both the switch lever (15, 31) and the toggle lever (25) in two mutually mirror-inverted arrangements, in that the line of action of the second lever arm (26) of the switch lever is arranged at such an angle (beta) with respect to the longitudinal axis of the first lever arm (15) formed by the toggle (14, 30) that, in two mutually mirror-inverted arrangements of the two-armed switch lever (15, 31) and of the toggle lever (25) connected in articulated manner thereto, the switch contact points (21 and 23) can be guided into their switched-on and switched-off position, and in that, owing to the mounting of the switch lever (15, 31) and of the toggle lever (25) associated therewith in one arrangement or instead in the mirror-inverted arrangement thereto, it is thus possible to determine optionally at which of the two end positions of the toggle the switch contact points are in the switched-on or the switched-off position.

IPC 1-7

**H01H 71/00**

IPC 8 full level

**H01H 71/00** (2006.01); **H01H 1/58** (2006.01); **H01H 11/00** (2006.01)

CPC (source: EP)

**H01H 71/002** (2013.01); **H01H 1/58** (2013.01); **H01H 1/5855** (2013.01); **H01H 11/0006** (2013.01)

Cited by

DE4329100A1; DE19503530A1; DE19503530B4

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

**EP 0155588 A2 19850925**; **EP 0155588 A3 19870422**; **EP 0155588 B1 19890607**; DE 3410157 A1 19850926; DE 3570946 D1 19890713

DOCDB simple family (application)

**EP 85102458 A 19850305**; DE 3410157 A 19840320; DE 3570946 T 19850305