

Title (en)
ELECTRIC INSTALLATION SWITCH

Title (de)
ELEKTRISCHER INSTALLATIONSSCHALTER

Title (fr)
INTERRUPTEUR ELECTRIQUE D'INSTALLATION

Publication
EP 0759205 A1 19970226 (DE)

Application
EP 96902802 A 19960229

Priority

- AT 9600035 W 19960229
- AT 37695 A 19950302

Abstract (en)
[origin: WO9627202A1] An electric installation switch has a movable actuating plate (2; 2a, 2b) that covers the front face of the switch and an electric quick make switching element (4) that may be mechanically actuated by the actuating plate. The actuating plate (2; 2a, 2b) is mounted on a parallel arm support (8) that allows it to be moved (5) in an approximately perpendicular direction to its surface (7). The parallel arm support (8) has at least two parallel arms (9, 10) located at different distances (11, 12) from the actuating plate (2; 2a, 2b) and that extend transversely to said direction of motion (5) of the actuating plate. One end (13, 14) of the arms (9, 10) is connected to the base (17) of the installation switch (1) and their other end (15, 16) is connected to the actuating plate. The quick make switching element is designed as a switching rocker (4) alternatively held in both its end positions by a prestressing force. A coupling member (23) facing the switching rocker alternatively engages two points of application of force (26, 27) on the switching rocker (4) associated each to one direction of motion of the switching rocker (4) for reversing it when the actuating plate is pressed. The parallel arm support (8) is preferably made of at least one parallelogram element.

IPC 1-7
H01H 3/12; H01H 3/46; H01H 13/60

IPC 8 full level
H01H 3/12 (2006.01); **H01H 3/46** (2006.01); **H01H 13/60** (2006.01)

CPC (source: EP)
H01H 3/122 (2013.01); **H01H 3/46** (2013.01); **H01H 13/60** (2013.01); **H01H 2003/466** (2013.01)

Citation (search report)
See references of WO 9627202A1

Cited by
EP2187414A1; DE102012219474A1; CN112273892A; FR2938371A1; WO2024120605A1

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