

Title (en)
PLUG-IN MINIATURE CIRCUIT BREAKER

Title (de)
MINIATURSCHUTZSCHALTER VOM EINSTECKTYP

Title (fr)
DISJONCTEUR MINIATURE ENFICHABLE

Publication
EP 3989259 A4 20230628 (EN)

Application
EP 20826176 A 20200609

Priority
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• CN 201910527362 A 20190618
• CN 2020095016 W 20200609

Abstract (en)
[origin: EP3989259A1] The invention relates to the field of low-voltage electric appliances, and more particularly, to a plug-in miniature circuit breaker, an operating mechanism thereof includes an operating member with one end inserted into a housing and the other end protruding outside the housing, and a contact system includes a moving contact with one end connected with the operating mechanism and a static contact matched with the moving contact for use; the housing includes a switching-off and switching-on indicating window arranged on the housing; the plug-in miniature circuit breaker further includes a switching-off and switching-on indicating member arranged in the housing and used for indicating switching-off and switching-on states of the plug-in miniature circuit breaker, and the switching-off and switching-on indicating member is arranged on one side of the operating member and is in linkage fit with the operating member; the operating member is pressed to make the plug-in miniature circuit breaker enter the switching-on state through the operating mechanism, and make the switching-off and switching-on indicating member act, and the switching-on state of the plug-in miniature circuit breaker is indicated through the switching-off and switching-on indicating window; and according to the plug-in miniature circuit breaker of the utility model, the switching-off and switching-on indicating member thereof is arranged on one side of the operating member, and is matched with the switching-off and switching-on indicating window on the housing, so that the switching-off and switching-on states of the circuit breaker can be visually and clearly indicated.

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H01H 71/04 (2013.01); **H01H 71/58** (2013.01); **H01H 2071/042** (2013.01)

Citation (search report)
• [XYI] CN 109786186 A 20190521 - ZHEJIANG CHINT ELECTRIC APPLIANCE CO LTD
• [YA] EP 3319102 A1 20180509 - SEARI ELECTRIC TECHNOLOGY CO LTD [CN], et al
• [YA] CN 206460920 U 20170901 - GARCIA ELECTRICAL APPLIANCE CO LTD
• [Y] CN 103857980 B 20160928
• See references of WO 2020253569A1

Designated contracting state (EPC)
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EP 3989259 A1 20220427; **EP 3989259 A4 20230628**; BR 112021023444 A2 20220118; WO 2020253569 A1 20201224

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