

Title (en)
BREAKER

Title (de)
AUSSCHALTER

Title (fr)
DISJONCTEUR

Publication
EP 3396694 A4 20190821 (EN)

Application
EP 16877451 A 20161024

Priority
• CN 201521076998 U 20151221
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Abstract (en)
[origin: EP3396694A1] A circuit breaker comprises a base and a cover plate, wherein a first counterbore is formed in the front surface of the end to be wired of the base, a ring-shaped second counterbore is formed in the bottom surface of the end to be wired of the base. A hollow lug boss is formed between the first counterbore and the second counterbore, the first counterbore is located on the lug boss. When the circuit breaker is used for front-panel wiring, a terminal screw is placed in the first counterbore for electric insulation. When the circuit breaker is used for back-panel wiring, the lug boss falls off by an external force, a terminal screw is placed in the second counterbore to perform electric insulation. The circuit breaker has the characteristics of compact structure and low production cost, can reduce the stock preparation during working, and has a better insulation effect.

IPC 8 full level
H01H 71/02 (2006.01); **H01H 9/02** (2006.01); **H01H 71/08** (2006.01)

CPC (source: EP)
H01H 9/0264 (2013.01); **H01H 71/08** (2013.01)

Citation (search report)
• [A] DE 20318855 U1 20040226 - MOELLER GMBH [DE]
• [A] GB 2447307 A 20080910 - LS IND SYSTEMS CO LTD [KR]
• [A] WO 2009105185 A1 20090827 - SIEMENS ENERGY & AUTOMAT [US], et al
• See references of WO 2017107640A1

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

DOCDB simple family (publication)
EP 3396694 A1 20181031; **EP 3396694 A4 20190821**; **EP 3396694 B1 20210623**; CN 205335191 U 20160622; ES 2881469 T3 20211129; PT 3396694 T 20210730; SG 11201805189P A 20180730; WO 2017107640 A1 20170629; ZA 201804202 B 20220727

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