

Title (en)  
CIRCUIT BREAKER

Title (de)  
SCHUTZSCHALTGERÄT

Title (fr)  
INTERRUPTEUR DE PROTECTION

Publication  
**EP 3158573 A1 20170426 (DE)**

Application  
**EP 15730496 A 20150619**

Priority  
• DE 102014108657 A 20140620  
• EP 2015063795 W 20150619

Abstract (en)  
[origin: WO2015193468A1] In a circuit breaker (1), the invention proposes that a switching path (20) has at least one line interruption apparatus (21), wherein the circuit breaker (1) has a disconnection unit (22) and a connection unit (23) which are each connected to the line interruption apparatus (21), wherein the switching device (1) has at least one measuring arrangement (7) for measuring at least one electrical variable on the at least one switching path (20), wherein the disconnection unit (22) further has a comparison and decision unit (24), which comparison and decision unit (24) is connected to the measuring arrangement (7) and to the line interruption apparatus (21), wherein the circuit breaker (1) has a first data interface (6), which first data interface (6) is designed to receive at least one connection command and/or one disconnection command, and wherein the first data interface (6) is connected to the disconnection unit (22) and the connection unit (23).

IPC 8 full level  
**H01H 89/06** (2006.01); **H01H 89/08** (2006.01); **H02J 13/00** (2006.01)

CPC (source: CN EP US)  
**H01H 9/542** (2013.01 - EP US); **H01H 89/06** (2013.01 - CN EP US); **H01H 89/08** (2013.01 - CN EP US); **H02H 1/0023** (2013.01 - EP US); **H02H 1/0061** (2013.01 - EP US); **H02H 3/08** (2013.01 - CN EP US); **H02H 7/22** (2013.01 - EP US); **H02H 9/001** (2013.01 - EP US); **H02J 13/00034** (2020.01 - EP US); **H02J 13/00036** (2020.01 - EP US); **H02J 13/0004** (2020.01 - EP US); **H02J 13/0075** (2023.08 - CN); **H03K 17/567** (2013.01 - US); **H01H 2009/544** (2013.01 - EP US); **H01H 2009/546** (2013.01 - EP US); **H02H 1/0023** (2013.01 - CN); **H02H 1/0061** (2013.01 - CN); **H02H 5/041** (2013.01 - CN EP US); **H02H 7/22** (2013.01 - CN); **H02H 9/001** (2013.01 - CN); **H02J 13/00026** (2020.01 - EP US); **Y02E 60/00** (2013.01 - CN EP US); **Y04S 10/18** (2013.01 - EP); **Y04S 40/126** (2013.01 - CN EP US)

Citation (search report)  
See references of WO 2015193468A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102014108657 A1 20151224**; CN 106663577 A 20170510; EP 3158573 A1 20170426; US 2017236676 A1 20170817; WO 2015193468 A1 20151223

DOCDB simple family (application)  
**DE 102014108657 A 20140620**; CN 201580041140 A 20150619; EP 15730496 A 20150619; EP 2015063795 W 20150619; US 201515319814 A 20150619