

Title (en)  
REVERSIBLE ELECTRONIC CIRCUIT BREAKER TERMINAL

Title (de)  
REVERSIBLE ELEKTRONISCHE SCHUTZSCHALTERKLEMME

Title (fr)  
BORNE RÉVERSIBLE ÉLECTRONIQUE D'UN DISJONCTEUR DE PROTECTION

Publication  
**EP 3314764 A1 20180502 (DE)**

Application  
**EP 16731598 A 20160623**

Priority

- DE 102015211625 A 20150623
- EP 2016064498 W 20160623

Abstract (en)  
[origin: WO2016207264A1] The invention relates to a reversible electronic circuit breaker terminal having the following: a current measuring device (1a) for measuring a current flow in a load current circuit (8a, 8b) to be measured, a regulating device (1b) for controlling the current flow in the load current circuit (8a, 8b) to be measured on the basis of a measured current flow in the load current circuit (8a, 8b) to be measured, and a switching device (3) which regulates or switches the current in the load current circuit (8a, 8b) in a controlled manner by means of the regulating device (1b), wherein the switching device (3) is based on MOS-FET technology and can switch the current in the load circuit (8a, 8b) in a bidirectional manner, and the switching device has at least two MOS-FET transistors connected in an anti-serial manner for this purpose, the source connection of each transistor lying at a common switch potential.

IPC 8 full level  
**H03K 17/082** (2006.01); **H02H 9/02** (2006.01); **H03K 17/687** (2006.01)

CPC (source: CN EP US)  
**H02H 1/0007** (2013.01 - US); **H02H 3/18** (2013.01 - CN EP US); **H02H 7/1213** (2013.01 - US); **H02M 1/08** (2013.01 - US); **H02M 1/32** (2013.01 - US); **H02M 3/158** (2013.01 - US); **H03K 17/0822** (2013.01 - CN EP US); **H03K 17/6874** (2013.01 - CN EP US); **H02H 7/268** (2013.01 - CN EP US)

Citation (search report)  
See references of WO 2016207264A1

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)  
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DOCDB simple family (publication)  
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