

Title (en)  
DIRECT CURRENT INTERRUPTION DEVICE

Title (de)  
GLEICHSTROMUNTERBRECHUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE COUPURE DE COURANT CONTINU

Publication  
**EP 3276648 B1 20200129 (EN)**

Application  
**EP 16768053 A 20160322**

Priority  
• JP 2015060683 A 20150324  
• JP 2015060684 A 20150324  
• JP 2016001649 W 20160322

Abstract (en)  
[origin: EP3276648A1] A direct-current interrupter of an embodiment includes: a current-carrying path; a commutation circuit; a semiconductor circuit breaker; and a non-linear resistor. The current-carrying path passes a direct current and includes first and second switches. The second switch is connected in series to the first switch and has a withstand voltage lower than a withstand voltage of the first switch. The semiconductor circuit breaker and the non-linear resistor are connected in parallel to the current-carrying path.

IPC 8 full level  
**H01H 33/59** (2006.01); **H01H 9/54** (2006.01)

CPC (source: EP)  
**H01H 33/59** (2013.01); **H01H 33/596** (2013.01); **H01H 2009/546** (2013.01)

Cited by  
US11694864B2; WO2022136072A1; WO2022069075A1

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 3276648 A1 20180131**; **EP 3276648 A4 20181205**; **EP 3276648 B1 20200129**; WO 2016152147 A1 20160929

DOCDB simple family (application)  
**EP 16768053 A 20160322**; JP 2016001649 W 20160322