

Title (en)  
ELECTRICAL SWITCHING APPARATUS FOR MEDIUM AND HIGH VOLTAGE

Title (de)  
ELEKTRISCHE SCHALTVORRICHTUNG FÜR MITTEL- UND/ODER HOCHSPANNUNGSANWENDUNGEN

Title (fr)  
APPAREIL DE COMMUTATION POUR MOYENNE OU HAUTE TENSION

Publication  
**EP 3146551 B1 20200624 (DE)**

Application  
**EP 15733457 A 20150702**

Priority  
• DE 102014213944 A 20140717  
• EP 2015065064 W 20150702

Abstract (en)  
[origin: WO2016008729A1] Disclosed is an electric switching device (1, 1') comprising at least two conductor elements (6) which can be placed at a distance from one another and contacted using a moving mechanism (9), and a housing (3) which defines a circuit breaker chamber (5), is made of an insulator (2), and at least partly surrounds the conductor elements (6); at least one face of the housing (3) is provided with a resistive coating (15) which is made of a matrix material filled with a filler, has a sheet resistance between 108 and 1012 ohm at the operating field strength, and is conductively connected to the conductor elements (6).

IPC 8 full level  
**H01H 33/662** (2006.01)

CPC (source: CN EP US)  
**H01H 33/24** (2013.01 - CN); **H01H 33/662** (2013.01 - EP US); **H01H 33/66207** (2013.01 - CN US); **H01H 33/24** (2013.01 - EP US); **H01H 2033/6623** (2013.01 - CN EP US)

Citation (examination)  
• JP 2001286045 A 20011012 - TOSHIBA CORP  
• US 2011253429 A1 20111020 - HUMPHRIES MARK ROBSON [GB], et al

Cited by  
EP4016576A1; WO2022129073A1; WO2024017674A1; DE102021201781A1; WO2022179834A1

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DOCDB simple family (publication)  
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