

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 A1 20170329 (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 (search report)
See references of WO 2016008729A1

Cited by
EP4016576A1; WO2022129073A1; WO2024017674A1; DE102021201781A1; WO2022179834A1

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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 102014213944 A1 20160121; CN 106537545 A 20170322; CN 106537545 B 20190816; EP 3146551 A1 20170329; EP 3146551 B1 20200624; ES 2819508 T3 20210416; US 10102989 B2 20181016; US 2017213675 A1 20170727; WO 2016008729 A1 20160121

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