

Title (en)

Contact for medium-voltage vacuum bottle with improved arc cutting, vacuum bottle and circuit breaker, such as an associated generator breaker

Title (de)

Kontakt für mittelspannung Vakuumkammer mit verbesserter Lichtbogenunterbrechung, Vakuumkammer und Leistungsschalter, wie beispielsweise Generatorschalter

Title (fr)

Contact pour ampoule à vide à moyenne tension à coupure d'arc améliorée, ampoule à vide et disjoncteur, tel qu'un disjoncteur sectionneur d'alternateur associés

Publication

EP 2264731 B1 20141112 (FR)

Application

EP 10165165 A 20100608

Priority

FR 0953852 A 20090610

Abstract (en)

[origin: EP2264731A1] The contact has a mechanical connection part extending according to a longitudinal axis. A contact body (21) includes a hollow roll (8). The hollow roll is centered on the longitudinal axis by an end integrated to the mechanical connection part. The hollow roll constitutes a winding generating a magnetic field. Another winding is assembled parallel to the former winding to generate a magnetic field that is superimposed on the magnetic field. A circular contact plate (22) is centered on the longitudinal axis and connected to an opposite end of the hollow roll.

IPC 8 full level

H01H 33/66 (2006.01)

CPC (source: EP US)

H01H 33/6642 (2013.01 - EP US); **H01H 33/6644** (2013.01 - EP US)

Cited by

WO2013034447A1

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2264731 A1 20101222; **EP 2264731 B1 20141112**; CN 101923985 A 20101222; CN 101923985 B 20140625; ES 2526249 T3 20150108; FR 2946790 A1 20101217; FR 2946790 B1 20110701; US 2011006041 A1 20110113; US 8164019 B2 20120424

DOCDB simple family (application)

EP 10165165 A 20100608; CN 201010200100 A 20100610; ES 10165165 T 20100608; FR 0953852 A 20090610; US 79261010 A 20100602