

Title (en)

Spark gap with multiple individual spark gaps connected in series in a in stack arrangement

Title (de)

Funkenstrecke mit mehreren in Reihe geschalteten, in Stapelanordnung befindlichen Einzelfunkenstrecken

Title (fr)

Éclateur composé de plusieurs éclateurs individuels commutés en série, se trouvant dans un agencement empilé

Publication

EP 2615703 A3 20150415 (DE)

Application

EP 12194155 A 20121126

Priority

- DE 102012000387 A 20120111
- DE 102012007102 A 20120216

Abstract (en)

[origin: EP2615703A2] The spark gap has ring or disk shaped electrodes (5) inserted and centrally held in an isolation body (7), and controlling elements (11) influencing voltage distribution over a stack arrangement. The controlling elements are arranged on an external periphery of envelop ends of the stack arrangement, and radial angular offset is connected to group and/or individual spark gap. The controlling elements run in parallel to a longitudinal axis of the stack arrangement, and are arranged on a supporting part (12) that includes electrical contact units (1, 2).

IPC 8 full level

H01T 4/20 (2006.01); **H01T 4/18** (2006.01)

CPC (source: EP)

H01T 4/18 (2013.01); **H01T 4/20** (2013.01)

Citation (search report)

- [XYI] DE 1169021 B 19640430 - SIEMENS AG
- [Y] DE 1513155 B2 19770602 - GEN ELECTRIC [US]
- [Y] US 3019367 A 19620130 - KALB JOHN W & DE 1289906 B 19690227 - OHIO BRASS COMPANY N GES D ST
- [Y] EP 0905840 A1 19990331 - BETTERMANN OBO GMBH & CO KG [DE]
- [Y] US 3259780 A 19660705 - STETSON EARL W

Cited by

EP3432429A1; FR3069383A1; EP4270686A1; LU501964B1

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)

BA ME

DOCDB simple family (publication)

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