

Title (en)

SPARK GAP HAVING A PLURALITY OF SERIES-CONNECTED INDIVIDUAL SPARK GAPS, WHICH ARE LOCATED IN A STACK ARRANGEMENT

Title (de)

FUNKENSTRECKE MIT MEHREREN IN REIHE GESCHALTENEN, IN STAPELANORDNUNG BEFINDLICHEN EINZELFUNKENSTRECKEN

Title (fr)

ÉCLATEUR DOTÉ DE PLUSIEURS ÉCLATEURS INDIVIDUELS MONTÉS EN SÉRIE ET EMPILÉS

Publication

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Application

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Abstract (en)

[origin: WO2012052388A1] The invention relates to a spark gap having a plurality of series-connected individual spark gaps which are in a stack arrangement, are separated from one another by dielectric discs (14) and are provided with a spring contact (13), wherein the individual spark gaps have annular or disc-type electrodes (12), and furthermore having control elements (11) for influencing the voltage distribution over the stack arrangement. According to the invention, the annular or disc-type electrodes (12) which are required to form one of the respective individual spark gaps are each inserted into one insulation body (19) and are held centred by it. The respective dielectric discs (14) are located between the insulation bodies (19), and are fixed by them. A recess is provided in the insulation body (19) in order to hold and centre the electrodes (12), and its shape is complementary to the contour of the respective electrode (12), with the recess having sprung centring projections (10) or centring tabs, which are at least partially flexible, on the internal circumference side.

IPC 8 full level

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