

Title (en)

ENCAPSULATED, PRESSURE-PROOF, NON-HERMETICALLY SEALED HIGH-POWER SPARK GAP

Title (de)

GEKAPSELTE, DRUCKFEST AUSGEFÜHRTE, NICHT HERMETISCH DICHT E HOCHLEISTUNGSFUNKENSTRECKE

Title (fr)

ÉCLATEUR À HAUTE PUISSANCE, ÉTANCHE DE MANIÈRE NON HERMÉTIQUE, ENCAPSULÉ ET RÉSISTANT À LA PRESSION

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Abstract (en)

[origin: WO2008080723A1] The invention relates to an encapsulated, pressure-proof, non-hermetically sealed high-power spark gap comprising two main electrodes positioned opposite one another at a distance, a metallic outer housing, a gas or plasma cool-off chamber surrounded by the outer housing and connection contacts for the main electrodes, which contacts are preferably arranged on the front face. The invention is characterized in that the arc formation and expansion chamber extends between the main electrodes and is divided up in a transverse direction, means for connecting the compartments in a pressure-dependent manner being arranged in the divided up section.

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