Title (en)

CERAMIC INSULATOR FOR VACUUM INTERRUPTERS

Title (de)

KERAMIKISOLATOR FÜR VAKUUMSCHALTRÖHREN

Title (fr)

ISOLATEUR EN CÉRAMIQUE POUR TUBES DE COMMUTATION À VIDE

Publication

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Application

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Abstract (en)

[origin: WO2018028918A1] The invention relates to a ceramic insulator (10) for vacuum interrupters (1), the ceramic insulator (10) extending along a longitudinal extent (20) and forming a cavity (15) in said longitudinal extent (20). The cavity (15) comprises a first opening (31) on a first end (30) of the longitudinal extent (20) and a second opening (33) on a second end (32) of the longitudinal extent (20), a second opening (33). The openings are designed so that they can be sealed in a gas-tight manner using appropriate connecting means (40). The sealed first opening (35) is designed to guide at least one fixed contact (38) into the cavity (15), and the sealed second opening (37) is designed to guide at least one moving contact (37) into the cavity (15). The ceramic insulator (10) comprises, on an inner face of the cavity (15), one or multiple electrically conductive discharge path interrupters (12) extending perpendicularly to the longitudinal extent (20) of the ceramic insulator (10).

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