

Title (en)

Lightning arrester comprising two divergent electrodes and a spark gap acting between the electrodes

Title (de)

Überspannungsableiter mit zwei divergierenden Elektroden und einer zwischen den Elektroden wirkenden Funkenstrecke

Title (fr)

Paratonnerre doté de deux électrodes divergentes et d'un éclateur agissant entre les électrodes

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Application

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Abstract (en)

[origin: WO2006074721A1] The invention relates to a lightning arrester comprising two divergent electrodes, a spark gap acting between the electrodes, a housing, an auxiliary sliding device for the electric arc, which is active on the electrode base, and means for the magnetic blow-out of the electric arc. According to the invention, the mobility of the electric arc is increased directly after the ignition thereof, by means of a combination of measures for reinforcing the inherent magnetic field related to the electric arc, and a phased gas circulation of the encapsulated conducting lead.

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