

Title (en)

OVER-VOLTAGE PROTECTION SYSTEM FOR A SINGLE OR MULTI-PHASE CURRENT SUPPLY GRID

Title (de)

ÜBERSpannungsschutzsystem für ein ein- oder mehrphasiges Stromversorgungsnetz

Title (fr)

Système de protection contre les surtensions pour un réseau électrique mono- ou polyphasé

Publication

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Application

EP 17725236 A 20170523

Priority

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- EP 2017062324 W 20170523

Abstract (en)

[origin: WO2017207328A1] The invention relates to an over-voltage protection system for a single or multi-phase current supply grid, consisting of at least two triggered spark gaps connected in parallel, wherein the spark gaps have two primary electrodes and one ignition electrode, which is connected to one of the primary electrodes by means of a control. According to the invention, for a selective, on-demand connecting of another of the parallel-connected spark gaps, the ignition electrodes of the spark gaps are connected by means of a voltage-independent switching element, such that the additional spark gap ignites when the response value from the series connection consisting of the voltage-dependent switching element and the ignition gap of the ignition electrode of the additional spark gap is reached.

IPC 8 full level

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CPC (source: EP)

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