

Title (en)

Method for extinguishing electrical arc of follow-up current in a spark gap, as well as spark gap device using this method

Title (de)

Verfahren zur Löschung des Lichtbogens eines Netzfolgestromes in einer Funkenstrecke, sowie Funkenstreckenordnung zur Durchführung des Verfahrens

Title (fr)

Méthode d'extinction d'un arc électrique dû au courant de suivi dans un parafoudre, ainsi qu'un dispositif parafoudre, utilisant cette méthode

Publication

EP 0808004 B1 20030319 (DE)

Application

EP 97107014 A 19970428

Priority

DE 19619334 A 19960514

Abstract (en)

[origin: EP0808004A1] The arc extinction method uses a gas stream (gas blast) directed transverse to the longitudinal direction of the arc (6) from all sides of the latter, over the full length (L) of the arc. The gas stream is provided by an extinction gas provided by an insulation material of the spark path, e.g. an insulating coating applied to the inside wall of a cylindrical arc chamber (5) with electrodes at its opposite ends.

IPC 1-7

H01T 1/10

IPC 8 full level

H01T 1/10 (2006.01)

CPC (source: EP)

H01T 1/10 (2013.01)

Citation (examination)

GB 528895 A 19401108 - WESTINGHOUSE ELECTRIC INT CO

Cited by

US5963413A; EP0874430A3; WO2015173279A1

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