

Title (en)

Spark gap device for protecting electric lines and/or electric apparatus against temporary overvoltages

Title (de)

Funkenstreckenvorrichtung zum Schutz von elektrischen Leitungen und/oder elektrischen Apparaten gegen zeitlichen Überspannungen

Title (fr)

Dispositif éclateur pour la protection de lignes électriques et/ou d'appareils électriques contre des surtensions temporaires

Publication

**EP 0917265 B1 20050202 (FR)**

Application

**EP 98402794 A 19981112**

Priority

FR 9714153 A 19971112

Abstract (en)

[origin: EP0917265A1] The equipment being protected is connected to the spark gap through conductors (1602) which are joined to contact arms (1102) by riveting or soldering (1609). The contact arms (1102) separated by an insulated distance piece (212) deform during arcing due to electromagnetic force and/or bimetallic action. The deformation tends to extinguish the arc and is assisted by a deflector (190).

IPC 1-7

**H01T 4/14**

IPC 8 full level

**H01T 4/14** (2006.01)

CPC (source: EP)

**H01T 4/14** (2013.01)

Cited by

DE10025239A1; DE10025239C2; EP4057457A1; DE102013224720A1; WO2022189347A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 0917265 A1 19990519; EP 0917265 B1 20050202**; DE 69828861 D1 20050310; DE 69828861 T2 20060427; FR 2770939 A1 19990514; FR 2770939 B1 20000128

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