

Title (en)

Ignition device with two electrodes for a spark gap and corresponding methods

Title (de)

Zündvorrichtung mit zwei Elektroden für Funkenstrecke und entsprechende Verfahren

Title (fr)

Dispositif d'amorçage à deux électrodes pour éclateur et procédés correspondants

Publication

EP 1887667 B1 20100519 (FR)

Application

EP 07356113 A 20070809

Priority

FR 0607316 A 20060811

Abstract (en)

[origin: EP1887667A1] The component has two main electrodes (2, 3) arranged so as to form a spark-gap (4), and trigger elements (10, 11) distinct from the main electrodes. The trigger elements are arranged such that a disruptive discharge (12) appears between the trigger elements to cause a sparkover of an electric arc (6) between the electrodes. The trigger elements are formed by auxiliary electrodes (14, 15). The elements extend in an inter-electrode space (5) that separates the main electrode (2) from the main electrode (3). Independent claims are also included for the following: (1) a method for triggering an electric component (2) a method for manufacturing an electric component.

IPC 8 full level

H01T 2/02 (2006.01); **H01T 1/14** (2006.01)

CPC (source: EP)

H01T 1/14 (2013.01); **H01T 2/02** (2013.01)

Cited by

DE102017218584B4; CN110391648A; CN102769253A; DE102017218584A1; CN109687292A; CN102299484A; US2016079026A1; CN105428174A; US10043629B2; EP2998976B1

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DOCDB simple family (publication)

EP 1887667 A1 20080213; **EP 1887667 B1 20100519**; **EP 1887667 B2 20140122**; AT E468639 T1 20100615; DE 602007006597 D1 20100701; FR 2904893 A1 20080215; FR 2904893 B1 20081010

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