

Title (en)

Electronic ignition device for apparatus using gaseous fuel especially for a gas lighter.

Title (de)

Elektronische Zündvorrichtung für Gerät mit gasförmigem Brennstoff, insbesondere für Gasfeuerzeuge.

Title (fr)

Dispositif d'allumage électronique pour appareil consommant du combustible gazeux et, notamment, pour briquet à gaz.

Publication

EP 0485305 B1 19931208 (FR)

Application

EP 91420356 A 19911009

Priority

FR 9014111 A 19901107

Abstract (en)

[origin: EP0485305A1] This device is of the type comprising an electricity generator comprising a fixed or essentially fixed part (2) and a movable part (3) which is normally kept at a distance from the fixed or essentially fixed part (2) by a return spring, and the actuation of which has the effect of causing an ignition spark between two electrodes, the first (7) of which, fixed or essentially fixed and constituted by the burner/valve of the apparatus, is connected to the terminal (9) of the fixed or essentially fixed part (2) of the generator and the second (8) of which is fixed and has a rear extension (8a) which is elastically deformable and situated on the trajectory of the terminal (11) of the movable part (3) of the generator in such a manner that this terminal (11) comes into contact with it at the moment of the release of the electrical energy necessary for the production of the ignition spark, that is to say at the end of travel in the direction of ignition of the movable element (3) of the generator. <??>The second electrode (8) is made over its entire length from a metal wire which is elastically deformable and a good conductor of electricity, such as a spring steel. <IMAGE>

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CPC (source: EP US)

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