(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **08.12.2004 Bulletin 2004/50**

(51) Int CI.7: **F23Q 3/00**

(43) Date of publication A2: **28.06.2000 Bulletin 2000/26**

(21) Application number: 99125299.0

(22) Date of filing: 20.12.1999

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 23.12.1998 IT BO980711

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(54) Electronic gas-lighter with ignition spark to be fed by a battery rechargeable by a solar cell

(57)The standing of the gas-lighter in a luminous room determines the picking up of the light with direct conversion in electric energy by means of a solar cell (1) that on line (2) sends said energy to a battery (3) putting into effect the recharge continually. Said energy on line (4) by a swithc (5) puts in action on line (6) an oscillator (7) while on line (8) puts in action a transistor (9) connects to a resistance (11). The oscillator (7) gives energy to the diode (15) which transfers the same to a capacitor (17) from which a transformer (19) is fed. Contemporary from diode (15) an energy part is transfered to a resistance (21) from which the same comes to a silicon controlled rectifier (23), the operating of which is regulated by a resistance (25). The energy of the transformer (19) is increased from a capacitor (31). The resulting energy is given available to the transformer (19) on line (35) which determines an electric art toward the line (27) generating a repetitive ignition stark.

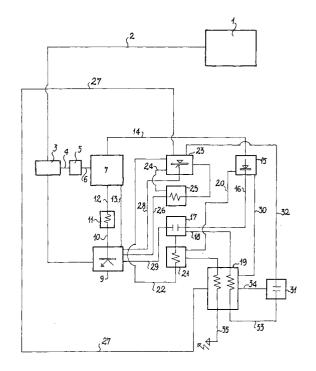


FIG. 1



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Application Number EP 99 12 5299

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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FORM P0459

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