

Title (en)

Piezoelectric lighter

Title (de)

Piezoelektrisches Feuerzeug

Title (fr)

Briquet piézo-électrique

Publication

**EP 1445536 A1 20040811 (EN)**

Application

**EP 04250686 A 20040209**

Priority

GB 0302940 A 20030208

Abstract (en)

A piezoelectric igniter for a childproof lighter comprising a piezoelectric igniter for a childproof lighter comprising an actuator rod and a coaxial housing, the rod being coaxially slidable into the housing against the restoring force of a first spring located within the housing to generate a spark, the spring biasing the rod towards an extended position, the housing including an abutment adjacent the actuator rod, a second spring being located around the actuator rod and engaging the rod preventing radial movement of the spring, a first end of the second spring abutting the abutment.  
<IMAGE>

IPC 1-7

**F23Q 2/16**

IPC 8 full level

**F23Q 2/16** (2006.01)

CPC (source: EP)

**F23Q 2/164** (2013.01)

Citation (search report)

- [X] US 2002197577 A1 20021226 - SHER TAK CHI [HK]
- [A] US 5854530 A 19981229 - LAFOREST GUY [PT], et al
- [A] US 6506046 B1 20030114 - LUO YING WEN [US]

Cited by

EP1628075A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1445536 A1 20040811**; GB 0302940 D0 20030312; GB 2398368 A 20040818

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**EP 04250686 A 20040209**; GB 0302940 A 20030208