

Title (en)
PIEZOELECTRIC LIGHTER WITH IMPROVED SAFETY

Title (de)
PIEZO-ELEKTRISCHES FEUERZEUG MIT EINER SICHERHEITSVORRICHTUNG

Title (fr)
BRIQUET DE TYPE PIEZOELECTRIQUE A SECURITE AMELIOREE

Publication
EP 1252468 B1 20041208 (FR)

Application
EP 01904045 A 20010202

Priority
• FR 0100328 W 20010202
• FR 0001444 A 20000204

Abstract (en)
[origin: WO0157443A1] The invention concerns a piezoelectric lighter comprising a flame-generating device (30) including a gas jet releasing mechanism (36) and spark-generating mechanism piezoelectric mechanism (50). The invention is characterised in that said lighter comprises two actuating elements (32, 34; 140, 150, 170, 180; 210, 220; 240, 250) capable of moving along a longitudinal axis (XX') under the action of a force exerted by the user, at least one (32; 140; 170; 210; 240) of said actuating elements, called first actuating element, being capable of moving independently of the second actuating element (34; 150; 180; 220; 250) and to act on at least on one (50) of said mechanisms, called first mechanism, the second actuating element being adapted to act on the second mechanism (36).

IPC 1-7
F23Q 2/16

IPC 8 full level
F23Q 2/16 (2006.01)

CPC (source: EP US)
F23Q 2/164 (2013.01 - EP US); **F23Q 2/287** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0157443 A1 20010809; AT E284512 T1 20041215; AU 3197201 A 20010814; CN 1158476 C 20040721; CN 1406327 A 20030326; DE 60107654 D1 20050113; DE 60107654 T2 20051222; EP 1252468 A1 20021030; EP 1252468 B1 20041208; ES 2234805 T3 20050701; FR 2804749 A1 20010810; FR 2804749 B1 20020719; HK 1054074 A1 20031114; HK 1054074 B 20050422; US 2003143504 A1 20030731; US 6832910 B2 20041221

DOCDB simple family (application)
FR 0100328 W 20010202; AT 01904045 T 20010202; AU 3197201 A 20010202; CN 01805880 A 20010202; DE 60107654 T 20010202; EP 01904045 A 20010202; ES 01904045 T 20010202; FR 0001444 A 20000204; HK 03106401 A 20030909; US 18292002 A 20021203