

Title (en)

METHOD AND APPARATUS FOR HEAT GENERATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUM PRODUZIEREN VON WÄRME

Title (fr)

PROCEDE ET APPAREIL DE PRODUCTION DE LA CHALEUR

Publication

**EP 1011398 B1 20060405 (EN)**

Application

**EP 98934249 A 19980702**

Priority

- RU 97111474 A 19970709
- US 9813833 W 19980702
- US 10858998 A 19980701

Abstract (en)

[origin: WO9902079A1] An apparatus for heat generation includes a vessel (1) having a working chamber containing a working polar fluid (2). A source of pulsed light (3) and a light-reflecting surface (5) wettable by the working fluid are situated within the working chamber. A thermal energy is released into the working polar fluid by the pulsed light irradiation of the working fluid in the vicinity of the light-reflecting surface (5).

IPC 8 full level

**A47J 27/00** (2006.01); **F24H 1/22** (2006.01); **H05B 3/00** (2006.01)

CPC (source: EP)

**F24H 1/225** (2013.01); **H05B 3/0052** (2013.01); **H05B 3/009** (2013.01)

Citation (examination)

WO 9715332 A1 19970501 - PUREPULSE TECHNOLOGIES INC [US]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9902079 A1 19990121**; AT E322207 T1 20060415; AU 8381798 A 19990208; DE 69834124 D1 20060518; DE 69834124 T2 20070111; EP 1011398 A1 20000628; EP 1011398 A4 20021002; EP 1011398 B1 20060405; ES 2262237 T3 20061116

DOCDB simple family (application)

**US 9813833 W 19980702**; AT 98934249 T 19980702; AU 8381798 A 19980702; DE 69834124 T 19980702; EP 98934249 A 19980702; ES 98934249 T 19980702