

Title (en)

THERMAL COMBUSTION ENGINE WHICH CONVERTS THERMAL ENERGY INTO MECHANICAL ENERGY AND USE THEREOF

Title (de)

WÄRMEKRAFTMASCHINE ZUR UMWANDLUNG VON THERMISCHER ENERGIE IN MECHANISCHE ENERGIE SOWIE VERWENDUNG DERSELBEN

Title (fr)

MOTEUR THERMIQUE DESTINE A CONVERTIR DE L'ENERGIE THERMIQUE EN ENERGIE MECANIQUE ET UTILISATION DUDIT MOTEUR

Publication

**EP 1623098 A2 20060208 (DE)**

Application

**EP 04725274 A 20040402**

Priority

- DE 2004000692 W 20040402
- DE 10315746 A 20030404

Abstract (en)

[origin: DE10315746B3] The device has at least one steam generating arrangement (11a) for at least partly evaporating a first liquid working medium (21) using thermal input energy, at least one rotor (11) rotated relative to a stator (3) by the evaporated medium and at least one condenser (11c) for condensing the medium after driving the rotor. The rotor essentially fully encloses the stator and essentially full includes the steam generator and condenser.

IPC 1-7

**F01K 11/04**

IPC 8 full level

**F01K 11/02** (2006.01); **F01K 11/04** (2006.01)

CPC (source: EP US)

**F01K 11/02** (2013.01 - EP US); **F01K 11/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2004092547A2

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 10315746 B3 20040916**; CA 2521654 A1 20041028; EP 1623098 A2 20060208; JP 2006522256 A 20060928; US 2007151246 A1 20070705; WO 2004092547 A2 20041028; WO 2004092547 A3 20041229

DOCDB simple family (application)

**DE 10315746 A 20030404**; CA 2521654 A 20040402; DE 2004000692 W 20040402; EP 04725274 A 20040402; JP 2006504288 A 20040402; US 55198104 A 20040402