

Title (en)

THERMODYNAMIC MACHINE AND METHOD FOR ABSORBING HEAT

Title (de)

THERMODYNAMISCHE MASCHINE UND VERFAHREN ZUR AUFNAHME VON W R ME

Title (fr)

MACHINE THERMODYNAMIQUE ET PROCEDE D'ABSORPTION DE CHALEUR

Publication

EP 1644673 A2 20060412 (DE)

Application

EP 04739294 A 20040521

Priority

- EP 2004005504 W 20040521
- DE 10324300 A 20030521

Abstract (en)

[origin: WO2004104496A2] The invention relates to a thermodynamic machine and to a method for absorbing and releasing heat at different temperatures, comprising at least one thermodynamic apparatus (1, 1a, 2a, 5, 5a, 7), inside of which at least two phases for conveying heat are separated by at least one membrane (13).

IPC 1-7

F25B 15/14

IPC 8 full level

F25B 15/14 (2006.01)

CPC (source: EP US)

F25B 15/14 (2013.01 - EP US); **Y02A 30/27** (2017.12 - EP US); **Y02B 30/62** (2013.01 - EP US)

Citation (search report)

See references of WO 2004104496A2

Citation (examination)

- WO 9964147 A2 19991216 - BATTELLE MEMORIAL INSTITUTE [US]
- WO 9916542 A1 19990408 - BATTELLE MEMORIAL INSTITUTE [US]
- WO 9617674 A1 19960613 - TNO [NL], et al
- EP 0118760 A2 19840919 - GEESTHACHT GKSS FORSCHUNG [DE]

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)

WO 2004104496 A2 20041202; WO 2004104496 A3 20050331; BR PI0410442 A 20060606; CN 100541052 C 20090916;
CN 1791773 A 20060621; DE 10324300 A1 20041223; DE 10324300 B4 20060614; EP 1644673 A2 20060412; JP 2006529022 A 20061228;
US 2006150665 A1 20060713; US 7827820 B2 20101109

DOCDB simple family (application)

EP 2004005504 W 20040521; BR PI0410442 A 20040521; CN 200480013995 A 20040521; DE 10324300 A 20030521;
EP 04739294 A 20040521; JP 2006529893 A 20040521; US 55742304 A 20040521