

Title (en)
HEAT ENGINE

Title (de)
WÄRMEKRAFTMASCHINE

Title (fr)
MOTEUR THERMIQUE

Publication
EP 0975920 B1 20020619 (DE)

Application
EP 98925473 A 19980414

Priority
• DE 19715918 A 19970416
• DE 19729607 A 19970710
• EP 9802161 W 19980414

Abstract (en)
[origin: WO9846947A1] The present invention relates to a device for heating a heat transfer medium, comprising a heating unit designed to generate a source of heat, a heat transfer area, a wall, e.g. a vessel wall or a pipe wall, between the source of heat and the heat transfer area, as well as a selective layer on at least one side of the wall, which layer furthers the absorption by said wall of the calorific power from the source of heat and/or inhibits heat emission from said wall towards the source of heat.

IPC 1-7
F24H 9/00; **F28F 13/18**

IPC 8 full level
F24H 9/00 (2006.01); **F28F 13/18** (2006.01); **F24D 18/00** (2022.01)

CPC (source: EP US)
F24H 9/00 (2013.01 - EP); **F28F 13/18** (2013.01 - EP US); **F24D 18/00** (2022.01 - EP US); **F24D 2101/30** (2022.01 - EP US); **F24H 2240/00** (2013.01 - EP US); **F28F 2245/06** (2013.01 - EP)

Cited by
CN105444175A

Designated contracting state (EPC)
AT CH DE DK FR GB LI NL SE

DOCDB simple family (publication)
WO 9846947 A1 19981022; AT E219569 T1 20020715; AU 7758798 A 19981111; DE 59804516 D1 20020725; EP 0975920 A1 20000202; EP 0975920 B1 20020619

DOCDB simple family (application)
EP 9802161 W 19980414; AT 98925473 T 19980414; AU 7758798 A 19980414; DE 59804516 T 19980414; EP 98925473 A 19980414