

Title (en)
Heat transfer device

Title (de)
Wärmeübertragungsvorrichtung

Title (fr)
Dispositif caloporteur

Publication
EP 2299099 A3 20140326 (DE)

Application
EP 10176126 A 20100910

Priority
DE 102009042258 A 20090922

Abstract (en)
[origin: EP2299099A2] The heat transfer device has an outer casing which has a floor extending from the side walls and an open surface. The inner housing (2) has a port (22) with an opening (20) in a side wall (14) of the outer housing (4). An outer wall (54) is formed at a section of a spherical zone, which is arranged in the corresponding spherical zone at the opening which delimits inner wall (56) of the outer housing.

IPC 8 full level
F02M 25/07 (2006.01); **F02B 29/04** (2006.01); **F28D 9/00** (2006.01); **F28F 3/04** (2006.01); **F28F 9/00** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP)
F02M 26/32 (2016.02); **F28D 9/0031** (2013.01); **F28F 3/048** (2013.01); **F28F 9/00** (2013.01); **F28F 9/0246** (2013.01); **F02B 29/0462** (2013.01); **F28F 2255/14** (2013.01); **F28F 2280/00** (2013.01)

Citation (search report)

- [AD] EP 1099847 A2 20010516 - ISUZU MOTORS LTD [JP]
- [A] FR 2846735 A1 20040507 - VALEO THERMIQUE MOTEUR SA [FR]
- [AD] EP 1589214 A2 20051026 - PIERBURG GMBH [DE]
- [A] EP 2025911 A1 20090218 - PIERBURG GMBH [DE]
- [A] US 3937196 A 19760210 - COOK ROBERT R, et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2299099 A2 20110323; EP 2299099 A3 20140326; DE 102009042258 A1 20110707; DE 102009042258 B4 20111222

DOCDB simple family (application)
EP 10176126 A 20100910; DE 102009042258 A 20090922