

Title (en)
HEAT EXCHANGER

Title (de)
W RME BERTRAGER

Title (fr)
ECHANGEUR THERMIQUE

Publication
EP 1590616 A1 20051102 (DE)

Application
EP 04704551 A 20040123

Priority

- EP 2004000560 W 20040123
- EP 03290190 A 20030123
- EP 04704551 A 20040123

Abstract (en)
[origin: EP1443294A1] The heat exchanger comprises at least one header (4) and a holder (16) fixed to it by positive connection. The holder may be shaped to fit the external shape of the header. It may be in the form of a C-shaped clip to clip onto the header. The header may be in two parts, with a cover (8) and a bottom part forming recessed longitudinal edges (13).

IPC 1-7
F28F 9/04; F28D 1/053; F28F 9/02

IPC 8 full level
B60H 1/00 (2006.01); F28D 1/053 (2006.01); F28F 9/00 (2006.01); F28F 9/02 (2006.01); F28F 9/04 (2006.01)

CPC (source: EP US)
B60H 1/00571 (2013.01 - EP US); F28D 1/05366 (2013.01 - EP US); F28F 9/002 (2013.01 - EP US); F28F 9/0243 (2013.01 - EP US); F28F 9/0246 (2013.01 - EP US); F28F 9/0253 (2013.01 - EP US); F28D 2021/0084 (2013.01 - EP US); F28F 2275/04 (2013.01 - EP US); F28F 2275/085 (2013.01 - EP US); F28F 2275/143 (2013.01 - EP US)

Citation (search report)
See references of WO 2004065884A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1443294 A1 20040804; BR PI0406839 A 20051213; EP 1590616 A1 20051102; US 2006096749 A1 20060511; WO 2004065884 A1 20040805

DOCDB simple family (application)
EP 03290190 A 20030123; BR PI0406839 A 20040123; EP 04704551 A 20040123; EP 2004000560 W 20040123; US 54310405 A 20050722