

Title (en)

Heat exchanger for cooling exhaust gas, method for manufacturing a heat exchanger

Title (de)

Wärmetauscher zur Abgaskühlung, Verfahren zur Herstellung eines Wärmetauschers

Title (fr)

Echangeur thermique destiné au refroidissement des gaz, procédé destiné à la fabrication d'un échangeur thermique

Publication

EP 1906130 A3 20080409 (DE)

Application

EP 07012634 A 20070628

Priority

DE 102006031606 A 20060706

Abstract (en)

[origin: DE102006031606A1] The exchanger has a base (3) for accommodating a flow channel (21), where a medium flows into the flow channel. The base and the flow channel are connected with each other on a connection depth (t) of the base in a material connection manner, where the connecting depth is smaller than a depth (T) of the base. The base exhibits tapering devices (36, 37) for tapering the base depth within a region of the connection of the base and the flow channel. An independent claim is also included for a method for manufacturing a heat exchanger.

IPC 8 full level

F28F 9/18 (2006.01); **F01N 13/18** (2010.01)

CPC (source: EP)

F02M 26/11 (2016.02); **F02M 26/29** (2016.02); **F02M 26/32** (2016.02); **F28D 7/1684** (2013.01); **F28D 7/1692** (2013.01); **F28F 9/182** (2013.01); **F02M 26/25** (2016.02); **F28D 21/0003** (2013.01)

Citation (search report)

- [X] EP 1154143 A1 20011114 - HINO MOTORS LTD [JP]
- [A] JP H09133492 A 19970520 - EBARA CORP

Cited by

DE102017221725A1; DE102012214480A1; CN103658989A; US10106013B2; WO2008125485A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006031606 A1 20080117; EP 1906130 A2 20080402; EP 1906130 A3 20080409

DOCDB simple family (application)

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