

Title (en)
Heat exchanger and method for manufacturing same

Title (de)
Wärmeübertragung und Verfahren zur Herstellung eines solchen Wärmeübertragers

Title (fr)
Echangeur thermique et son procédé de fabrication

Publication
EP 1887303 A3 20130410 (DE)

Application
EP 07015649 A 20070808

Priority
DE 102006037011 A 20060808

Abstract (en)
[origin: EP1887303A2] An automotive heat exchanger (2) has main sections (1) consisting of a folded metal ribbon of alternating thin (1.1) and thick (1.2) sections. The thick sections are each folded several times, forming chambers adjacent to the thin sections. In a process to manufacture the heat exchanger, several metal sections (1), assembled at 90 degrees to the adjacent section.

IPC 8 full level
F28D 9/00 (2006.01)

CPC (source: EP)
F28D 9/0025 (2013.01)

Citation (search report)

- [XP] WO 2007073849 A2 20070705 - BEHR GMBH & CO KG [DE], et al
- [XYI] EP 1435504 A1 20040707 - ANTOINE HUBERT [BE]
- [Y] US 5836383 A 19981117 - ZWITTIG EBERHARD [DE]
- [Y] EP 0859203 A2 19980819 - HECKE ANTONIUS VAN [NL], et al
- [Y] US 2002023741 A1 20020228 - BRENNER MARTIN [DE], et al
- [Y] DE 3504207 A1 19860807 - SIEMENS AG [DE]

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)
EP 1887303 A2 20080213; EP 1887303 A3 20130410

DOCDB simple family (application)
EP 07015649 A 20070808