

Title (en)
MANIFOLD BLOCK FOR BRAZED HEAT EXCHANGER

Title (de)
ENDKAMMER FÜR EINEN GELÖTETEN WÄRMETAUSCHER

Title (fr)
BOITE COLLECTRICE POUR UN ECHANGEUR DE CHALEUR BRASE

Publication
EP 1285212 A1 20030226 (FR)

Application
EP 01938354 A 20010528

Priority

- FR 0101639 W 20010528
- FR 0006843 A 20000529

Abstract (en)
[origin: WO0192807A1] The invention concerns a manifold block for a heat exchanger. It comprises walls (10, 12) which delimit a chamber, one of the walls of the chamber being provided with an orifice (30), a pipe (32) being connected to the orifice (30). The pipe (32) comprises at least a pin (36) and the orifice (30) comprises at least a notch (34), corresponding to the pin (36) of the pipe (32). Preferably, the pipe (32) comprises three pins (36) and the orifice three notches (34) arranged at 120 DEG from one another. The pipe (32) can thus be inserted into the orifice (30) and rotated by a certain angle to ensure that it is temporarily maintained before and during the brazing operation. The invention is applicable to motor vehicle heat exchangers.

IPC 1-7
F28F 9/04

IPC 8 full level
F16L 13/08 (2006.01); **F28F 9/02** (2006.01); **F28F 9/04** (2006.01)

CPC (source: EP)
F28F 9/0224 (2013.01); **F28F 9/0246** (2013.01); **F28F 9/0248** (2013.01); **F28F 2275/146** (2013.01)

Citation (search report)
See references of WO 0192807A1

Cited by
EP1650522A3; EP1650522A2; US11788658B2; US7380327B2; US7959189B2; EP1248065B1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0192807 A1 20011206; DE 60100862 D1 20031030; DE 60100862 T2 20040715; DE 60100862 T3 20110317; EP 1285212 A1 20030226; EP 1285212 B1 20030924; EP 1285212 B2 20100804; JP 2003535304 A 20031125; JP 4718752 B2 20110706

DOCDB simple family (application)
FR 0101639 W 20010528; DE 60100862 T 20010528; EP 01938354 A 20010528; JP 2002500175 A 20010528