

Title (en)

Tubular header for heat-exchanger and method for its manufacture.

Title (de)

Rohrförmige Endkammern für Wärmeaustauscher und seine Herstellungsmethode.

Title (fr)

Boîte à fluide tubulaire pour échangeur de chaleur, et procédé pour sa réalisation.

Publication

EP 0512903 A1 19921111 (FR)

Application

EP 92401239 A 19920430

Priority

FR 9105701 A 19910510

Abstract (en)

The heat exchanger, which may be used in particular as a condenser in an air conditioning installation for a motor vehicle, comprises a header (1) having an elongate tubular wall (2) and added transverse partitions (3, 4), and a multiplicity of parallel tubes (7) penetrating the header through openings (6) made in the tubular wall. The transverse partitions are entirely housed inside the tubular wall and are firmly fixed to a connection piece (12) stretching in the direction of the axis of the tubular wall, which enables them to be installed simultaneously and holds them in position, and acts as a stop-piece for the ends (8) of the tubes. <IMAGE>

IPC 1-7

F28F 9/02

IPC 8 full level

F28D 1/053 (2006.01); **F28F 9/02** (2006.01); **F28F 9/18** (2006.01); **F28F 9/22** (2006.01)

CPC (source: EP US)

F28F 9/0212 (2013.01 - EP US); **Y10T 29/49389** (2015.01 - EP US)

Citation (search report)

- [A] DE 3923511 A1 19900201 - BAUAKADEMIE DDR [DD]
- [A] US 4877083 A 19891031 - SAPERSTEIN Z PHILIP [US]

Cited by

EP0818663A3; US6142217A; EP0625687A3; FR2927416A1; FR2759447A1; ITPD20120073A1; EP0805329A1; FR2748316A1; FR2748317A1; US5749412A; WO9850749A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0512903 A1 19921111; **EP 0512903 B1 19940309**; DE 69200063 D1 19940414; DE 69200063 T2 19940616; FR 2676274 A1 19921113; JP H0666490 A 19940308; MX 9202149 A 19930801; US 5183107 A 19930202

DOCDB simple family (application)

EP 92401239 A 19920430; DE 69200063 T 19920430; FR 9105701 A 19910510; JP 14369092 A 19920511; MX 9202149 A 19920508; US 87902792 A 19920506