

Title (en)

Method for securing a partition wall in a tubular header box of a heat exchanger.

Title (de)

Verfahren zur Befestigung einer Zwischenwand in einer rohrförmigen Endkammer eines Wärmetauschers.

Title (fr)

Procédé pour fixer une cloison transversale dans une boîte à fluide tubulaire d'échangeur de chaleur.

Publication

EP 0631099 A2 19941228 (FR)

Application

EP 94109342 A 19940617

Priority

FR 9307651 A 19930623

Abstract (en)

The partition wall (2) is introduced into the tubular wall (1) via an open end thereof, in order to bring it into the position which it is to occupy, and the partition wall is then deformed by means of punches (8,9) comprising annular ribs (10) and applied against the two faces (6,7) of the partition wall, radially expanding the latter so as to immobilise it in the said position by clamping in the tubular wall. Application to condensers for air-conditioning of motor vehicles. <IMAGE>

IPC 1-7

F28F 9/02

IPC 8 full level

F28F 9/02 (2006.01)

CPC (source: EP)

F28F 9/0212 (2013.01)

Cited by

US5761810A; EP0754520A1; US5799396A; WO9738279A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0631099 A2 19941228; EP 0631099 A3 19950315; EP 0631099 B1 19960911; BR 9402455 A 19950124; CN 1103838 A 19950621; DE 69400511 D1 19961017; DE 69400511 T2 19970123; ES 2094593 T3 19970116; FR 2706995 A1 19941230; FR 2706995 B1 19951013; MX 9404714 A 19950131

DOCDB simple family (application)

EP 94109342 A 19940617; BR 9402455 A 19940617; CN 94106668 A 19940620; DE 69400511 T 19940617; ES 94109342 T 19940617; FR 9307651 A 19930623; MX 9404714 A 19940622