

Title (en)

Tubular header box and manufacturing method of a heat-exchanger by driving heat-exchanger tubes.

Title (de)

Rohrförmige Endkammer und Verfahren zur Herstellung von einem Wärmetauscher durch Eintreiben von Wärmetauscherröhren.

Title (fr)

Paroi tubulaire de boîte à fluide et procédé pour la fabrication d'un échangeur de chaleur par enfoncement de tubes de circulation.

Publication

EP 0566472 B1 19950104 (FR)

Application

EP 93400953 A 19930413

Priority

FR 9204708 A 19920416

Abstract (en)

[origin: EP0566472A1] The tubular wall (11) has a localised indentation (17) defining an internal projection (18) onto which the ends (4) of the circulation tubes (3) abut in order to limit the degree to which they are driven in. Application to motor vehicle air conditioning condensers. <IMAGE>

IPC 1-7

F28F 9/02; **F28F 9/16**

IPC 8 full level

F28D 1/053 (2006.01); **F28F 9/02** (2006.01); **F28F 9/04** (2006.01); **F28F 9/18** (2006.01)

CPC (source: EP KR US)

F28F 9/013 (2013.01 - KR); **F28F 9/0243** (2013.01 - EP US); **F28F 9/14** (2013.01 - KR); **F28F 9/182** (2013.01 - EP US); **F28F 2265/32** (2013.01 - EP US); **Y10T 29/49373** (2015.01 - EP US); **Y10T 29/49389** (2015.01 - EP US)

Cited by

FR2871224A1; FR2755507A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 93400953 A 19930413; BR 9301534 A 19930414; DE 69300044 T 19930413; ES 93400953 T 19930413; FR 9204708 A 19920416; JP 8966893 A 19930416; KR 930006352 A 19930415; MX 9302248 A 19930416; US 4645293 A 19930413