

Title (en)

A condenser for vehicle air-conditioning systems

Title (de)

Verflüssiger für Klimaanlage von Fahrzeugen

Title (fr)

Condenseur pour systèmes de conditionnement d'air de véhicules

Publication

EP 0791796 A1 19970827 (EN)

Application

EP 97102565 A 19970218

Priority

IT TO960127 A 19960226

Abstract (en)

A condenser for vehicle air-conditioning systems which includes at least one row of tubes (12) fixed to a stack of substantially flat fins (14) by mechanical expansion of the tubes (12) after they have been inserted into aligned holes (26) in the fins (14). The condenser includes a pair of containment members (20) fitted to the portions (12a, 12b) of tubes between the manifolds (16, 18) and the stack of fins (14) so as to resist the radial deformations of these portions of tubes (12a, 12b). <IMAGE>

IPC 1-7

F28F 9/00; **F28D 1/053**

IPC 8 full level

F25B 39/04 (2006.01); **F28D 1/053** (2006.01); **F28F 9/00** (2006.01); **F28F 9/013** (2006.01)

CPC (source: EP)

F28D 1/05366 (2013.01); **F28F 9/001** (2013.01); **F28D 2021/007** (2013.01); **F28F 2225/04** (2013.01)

Citation (search report)

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- [A] GB 790704 A 19580212 - SERCK RADIATORS LTD
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Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

EP 0791796 A1 19970827; AR 006013 A1 19990721; BR 9700257 A 19981027; CN 1165096 A 19971119; IT 1285261 B1 19980603; IT TO960127 A0 19960226; IT TO960127 A1 19970826; JP H102635 A 19980106; PL 318581 A1 19970901; TR 199700141 A1 19970921

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