

Title (en)

High refrigeration power evaporator for vehicle air conditioning system

Title (de)

Verdampfer mit hoher Kälteleistung für Kraftfahrzeugklimaanlage

Title (fr)

Evaporateur de puissance frigorifique élevée pour boucle de climatisation de véhicule

Publication

EP 1265045 A2 20021211 (FR)

Application

EP 02012050 A 20020531

Priority

FR 0107452 A 20010607

Abstract (en)

The evaporator for a motor vehicle air conditioning circuit has a transition insert (27) with a passage (28) which returns the fluid from the fourth collection volume (24) into a fifth volume (25) aligned with the second and third volumes (22,23). The transition insert is positioned between the second and third volumes. The evaporator can have six volumes defining a flow passage with six passes.

IPC 1-7

F28D 1/03

IPC 8 full level

F28D 1/03 (2006.01); **F28F 9/02** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP)

F28D 1/0341 (2013.01); **F28F 9/0204** (2013.01); **F28F 9/262** (2013.01); **F28D 2021/0085** (2013.01)

Cited by

US7650934B2; WO2004005826A1

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)

EP 1265045 A2 20021211; **EP 1265045 A3 20030528**; **EP 1265045 B1 20041013**; AT E279706 T1 20041015; DE 60201554 D1 20041118; DE 60201554 T2 20050324; FR 2825791 A1 20021213; FR 2825791 B1 20030905

DOCDB simple family (application)

EP 02012050 A 20020531; AT 02012050 T 20020531; DE 60201554 T 20020531; FR 0107452 A 20010607