

Title (en)

Dryer for a refrigerant in a refrigeration circuit, in particular for an air conditioning system in a vehicle

Title (de)

Trockner für ein Kühlmedium in einem Kühlmediumkreislauf, insbesondere für eine Klimaanlage eines Fahrzeugs

Title (fr)

Sécheur pour un réfrigérant dans un circuit de réfrigération, en particulier pour un système de climatisation d'un véhicule

Publication

EP 1744112 A3 20070919 (DE)

Application

EP 06014568 A 20060713

Priority

DE 102005033168 A 20050713

Abstract (en)

[origin: EP1744112A2] The dryer has a single-piece housing (1) with a filter (4) arranged in it for drying and filtration of a cooling medium. The housing is implemented as a single side open housing with a base and an opposite open end with a conical thickening wall. A connecting part (2) is attachable on the opened end such that its is partially overlaid and radially runs on the end. A sealing unit is integrated at the housing in an overlaid area. The inner diameter of the connecting part is slightly larger than the outer diameter of the open end of the housing. An independent claim is also included for a connecting part for a dryer.

IPC 8 full level

F25B 43/00 (2006.01)

CPC (source: EP)

F25B 43/003 (2013.01); **F25B 2500/01** (2013.01)

Citation (search report)

- [X] EP 1048909 A2 20001102 - TI GROUP AUTOMOTIVE SYSTEMS LI [GB]
- [X] EP 0915308 A1 19990512 - VALEO THERMIQUE MOTEUR SA [FR]
- [A] US 5245842 A 19930921 - SEARFOSS JERRY R [US], et al

Cited by

EP2312240A1; EP2312240B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1744112 A2 20070117; EP 1744112 A3 20070919; DE 102005033168 A1 20070125; DE 102005033168 B4 20090416

DOCDB simple family (application)

EP 06014568 A 20060713; DE 102005033168 A 20050713