

Title (en)
Drier for refrigerant condenser

Title (de)
Trockner für Kältemittelkondensator

Title (fr)
Sécheur pour condenseur à fluide frigorigène

Publication
EP 1387134 A2 20040204 (DE)

Application
EP 03015294 A 20030707

Priority
DE 10234889 A 20020731

Abstract (en)
The device is in the form of an injection-molded part (1) whose material essentially contains 3 components, namely a polymer, a channel formation and a molecular sieve. The molecular sieve is inserted into the polymer material and/or in channels passing through the polymer material. The injection-molded part is in the form of a dense cylindrical part whose cross-section matches the collector (12). Independent claims are also included for the following: (a) the use of an injection molded part for drying coolant in a coolant circuit for an air conditioning system, especially for motor vehicles (b) a collector for coolant in a closed circuit, especially in a coolant circuit for an air conditioning system (c) and a heat exchanger, especially a condenser.

Abstract (de)
Die Erfindung betrifft einen Trockner (1,20) für einen Kältemittelkreislauf, insbesondere für Kraftfahrzeug-Klimaanlagen, einen Sammler (12,21) mit einem solchen Trockner (1,20) und einen Wärmetauscher (10,22) mit einem solchen Sammler (12,21). <IMAGE>

IPC 1-7
F25B 43/00; **F25B 39/04**

IPC 8 full level
B01D 53/26 (2006.01); **F25B 39/04** (2006.01); **F25B 43/00** (2006.01)

CPC (source: EP)
F25B 39/04 (2013.01); **F25B 2339/0441** (2013.01)

Citation (applicant)
• DE 19712714 A1 19981001 - BEHR GMBH & CO [DE]
• DE 4238853 C2 20010503 - BEHR GMBH & CO [DE]

Cited by
EP1764569A1; EP1703234A3; EP1566600A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
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