

Title (en)

Drier and filter cartridge for a receiver of a condenser, especially for a vehicle air conditioning system

Title (de)

Trockner-Filter-Einsatz für einen Sammler eines Kondensators, insbesondere für Kraftfahrzeug-Klimaanlagen

Title (fr)

Cartouche de sécheur et filtre pour un accumulateur d'un condenseur, en particulier pour un système de réfrigération d'un véhicule automobile

Publication

EP 1628106 A2 20060222 (DE)

Application

EP 05014943 A 20050711

Priority

DE 102004040665 A 20040820

Abstract (en)

The condenser has a sub-cooling path with a condensation portion arranged below it. The insert (1) has a rise tube, a separating wall between the sub-cooling path and the condensation portion, and a dryer filter unit. The riser tube is formed as a carrying member on which the separating wall and the dryer filter unit are disposed. An independent claim is included for a condenser.

IPC 8 full level

F25B 39/04 (2006.01); **B60H 1/32** (2006.01); **F25B 43/00** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP)

F25B 39/04 (2013.01); **F25B 43/003** (2013.01); **F25B 2339/0441** (2013.01); **F25B 2339/0442** (2013.01)

Citation (applicant)

- DE 19912381 A1 20000921 - BEHR GMBH & CO [DE]
- DE 4238853 A1 19940519 - BEHR GMBH & CO [DE]
- FR 2750761 A1 19980109 - VALEO THERMIQUE MOTEUR SA [FR]
- EP 1132695 A1 20010912 - SKG ITALIANA SPA [IT]
- DE 19830329 A1 19990114 - DENSO CORP [JP]

Cited by

DE102006056469A1; EP2244041A1; GB2483494A; GB2483494B; US8959948B2

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

EP 1628106 A2 20060222; **EP 1628106 A3 20060830**; **EP 1628106 B1 20110316**; DE 102004040665 A1 20060223;
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