

Title (en)

Per braze installed desiccant assembly for automotive condenser with integral receiver

Title (de)

Vor dem Löten installierter Trockner für Kraftfahrzeugverflüssigeranordnung mit integriertem Sammler

Title (fr)

Dessiccateur installé avant brasage pour condenseur d'un véhicule automobile avec réservoir intégré

Publication

EP 1521048 A1 20050406 (EN)

Application

EP 04077450 A 20040902

Priority

US 67556003 A 20030930

Abstract (en)

A condenser (10) with a return header tank (14) has a receiver tank (22) physically attached along side a return header tank (14). The bottom of receiver tank (22) is closed by an end cap (42) that is attached during the single, high temperature braze process that forms the entire condenser. The desiccant cartridge assembly (24) of the invention has components of a material and design that allow it to be installed within tank (22) before the end cap (42) is attached during the braze process, with no subsequent steps. <IMAGE>

IPC 1-7

F25B 39/04; **F25B 43/00**

IPC 8 full level

F25B 39/04 (2006.01); **F25B 43/00** (2006.01)

CPC (source: EP US)

F25B 39/04 (2013.01 - EP US); **F25B 43/003** (2013.01 - EP US); **F25B 2339/0441** (2013.01 - EP US)

Citation (applicant)

US 6170287 B1 20010109 - LEITCH FRANK JOSEPH [US], et al

Citation (search report)

- [X] DE 10149798 A1 20030410 - BEHR GMBH & CO [DE]
- [PX] WO 03081146 A1 20031002 - BEHR GMBH & CO [DE], et al
- [A] EP 1132695 A1 20010912 - SKG ITALIANA SPA [IT]
- [X] DATABASE WPI Section PQ Week 200218, Derwent World Patents Index; Class Q75, AN 2002-137575, XP002312509

Cited by

EP1916488A1; US7927407B2

Designated contracting state (EPC)

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