

Title (en)

Combined device comprising an internal heat exchanger and an accumulator participating to an AC loop, the combined device being equipped with a multi-functions internal component.

Title (de)

Sammler mit innerem Wärmetauscher und mit internen multifunktionskomponent

Title (fr)

Dispositif combiné constitué d'un échangeur de chaleur interne et d'un accumulateur, et pourvu d'un composant interne multifonctions

Publication

EP 2199708 B1 20111026 (FR)

Application

EP 09178157 A 20091207

Priority

FR 0807423 A 20081222

Abstract (en)

[origin: EP2199708A1] The device (12) has a chamber (26) including an upper partition (27), a lower partition (28) and a peripheral wall (29). The chamber houses an internal heat exchanger (5), a separation area (19) and an accumulation area (20). The chamber houses a one-piece internal component (30) that comprises a definition wall (31) defining the separation area and the accumulation area. The internal component has a confining wall (32) confining the exchanger with respect to the accumulation area, and a conduit (33) that connects the confining wall and the definition wall. An independent claim is also included for an air-conditioning loop comprising a separation area constituted of an area of separation between a gaseous phase of the coolant and a liquid phase of the coolant.

IPC 8 full level

F25B 40/00 (2006.01)

CPC (source: EP US)

F25B 15/00 (2013.01 - US); **F25B 37/00** (2013.01 - US); **F25B 40/00** (2013.01 - EP US); **F25B 41/00** (2013.01 - US); **F25B 43/00** (2013.01 - US); **F25B 43/006** (2013.01 - EP US); **F25B 43/02** (2013.01 - US); **F28D 7/04** (2013.01 - EP US); **F25B 2400/02** (2013.01 - EP US); **F25B 2400/051** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

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DOCDB simple family (application)

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