

Title (en)

Low pressure accumulator particularly for a CO2 operated air conditioning system

Title (de)

Niederdrucksammler, insbesondere für eine CO2-Klimaanlage

Title (fr)

Accumulateur basse pression particulièrement pour climatiseur pouvant fonctionner au CO2

Publication

EP 1321730 B1 20071114 (DE)

Application

EP 02027540 A 20021209

Priority

DE 10161238 A 20011213

Abstract (en)

[origin: EP1321730A2] A low-pressure collector (LPC) (10) has a gaseous coolant (14), a liquid coolant in the form of a small oil-volume phase (15) and oil in the form of a large oil-volume phase (16). There are inlet (12) and outlet (13) pipes for the gaseous coolant added to the large oil-volume phase. The LPC also has a separating device (26). <??>An Independent claim is also included for a method for operating a low-pressure collector for a carbon dioxide air-conditioning unit in a motor vehicle.

IPC 8 full level

F25B 43/00 (2006.01); **F25B 43/02** (2006.01); **F25B 9/00** (2006.01)

CPC (source: EP)

F25B 43/006 (2013.01); **F25B 9/008** (2013.01); **F25B 43/02** (2013.01); **F25B 2309/06** (2013.01)

Cited by

US9989284B2; EP1607698A3; FR2951256A1; JP2013245836A; CN104285110A; JP2013245837A; CN104285111A; US2015128629A1; US9791176B2; US7082785B2; WO2011045508A1; WO2013175963A1; WO2013175964A1

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EP 1321730 A2 20030625; **EP 1321730 A3 20031008**; **EP 1321730 B1 20071114**; AT E378563 T1 20071115; DE 10161238 A1 20030626; DE 50211199 D1 20071227

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