

Title (en)

Condenser for an air conditioner, in particular for a motor vehicle

Title (de)

Kondensator für eine Klimaanlage, insbesondere eines Kraftfahrzeuges

Title (fr)

Condensateur pour une climatisation, notamment d'un véhicule automobile

Publication

EP 2357430 A3 20111221 (DE)

Application

EP 11166079 A 20080225

Priority

- EP 08716021 A 20080225
- DE 102007009923 A 20070227

Abstract (en)

[origin: DE102007009923A1] The condenser (1) has a coarse tubing rib block (2) including horizontally running pipes and an undercooling section (P6) that is arranged above condensing sections (P1-P5). An accumulator (5) is arranged parallel to a manifold and is in refrigerant-connection with the section (P5) via an overflow hole. The accumulator is in refrigerant-connection with an undercooling section (P6) via another overflow hole. A downpipe communicates with the former overflow hole at an inlet side via an inflow chamber arranged in the accumulator.

IPC 8 full level

F25B 39/04 (2006.01); **F25B 40/04** (2006.01)

CPC (source: EP US)

F25B 39/04 (2013.01 - EP US); **F25B 40/04** (2013.01 - EP US); **F25B 2339/0441** (2013.01 - EP US)

Citation (search report)

- [X] EP 1703233 A2 20060920 - BEHR GMBH & CO KG [DE]
- [A] EP 1522804 A1 20050413 - MODINE MFG CO [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

US 2010147019 A1 20100617; **US 8387407 B2 20130305**; AT E553341 T1 20120415; CN 101627267 A 20100113; CN 101627267 B 20121226; DE 102007009923 A1 20080828; EP 2129978 A2 20091209; EP 2129978 B1 20120411; EP 2357430 A2 20110817; EP 2357430 A3 20111221; EP 2357430 B1 20130703; WO 2008104349 A2 20080904; WO 2008104349 A3 20081113

DOCDB simple family (application)

US 52869608 A 20080225; AT 08716021 T 20080225; CN 200880006081 A 20080225; DE 102007009923 A 20070227; EP 08716021 A 20080225; EP 11166079 A 20080225; EP 2008001476 W 20080225