

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: US2010147019A1] The invention relates to a condenser for an air conditioning system, especially an air conditioning system of a vehicle, said condenser comprising a gill block and laterally arranged headers, the gill block comprising horizontal pipes, a condensing section and a supercooling section arranged above the condensing section. Said condenser also comprises a collector (5) arranged parallel to one of the headers and receiving a drier (16), a filter (18), a downpipe (15) and a rising pipe. The collector (5) is connected to the condensing section by means of a first overflow opening (8) and to the supercooling section by means of a second overflow opening (9) in such a way that a coolant can circulate. The downpipe (15) communicates with the first overflow opening (8), on the inlet side, by means of an inflow chamber (10) arranged in the collector (5).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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

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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)

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