

Title (en)

Cooling device for a motor vehicle

Title (de)

Kühlvorrichtung für ein Kraftfahrzeug

Title (fr)

Dispositif de refroidissement pour un véhicule automobile

Publication

EP 1887195 A3 20120418 (DE)

Application

EP 07013631 A 20070712

Priority

DE 102006037628 A 20060810

Abstract (en)

[origin: EP1887195A2] The device (1) has a coolant cooler (3) flowable through air, and an axial blower (4) arranged in an air flowing direction (L) behind the cooler. A frame (5) is arranged between the cooler and blower, and has a frame ring (6) in which the blower is rotatably arranged. Radial flow conducting units (9) run in a radial direction and are arranged behind the axial blower in the air flowing direction. The conducting units are fastened at the frame ring and arranged over the circumference of the blower in a distributed manner. The units have front edges (9a) that are arranged in a radial plane.

IPC 8 full level

F01P 5/06 (2006.01); **F04D 29/54** (2006.01); **F01P 11/10** (2006.01)

CPC (source: EP)

F01P 5/06 (2013.01); **F04D 29/544** (2013.01); **F01P 11/10** (2013.01); **F01P 2070/50** (2013.01)

Citation (search report)

- [X] EP 1016790 A2 20000705 - HALLA CLIMATE CONTROL CORP [KR]
- [X] EP 1600640 A2 20051130 - BEHR GMBH & CO KG [DE]
- [X] EP 1443216 A2 20040804 - BORGWARNER INC [US]
- [X] DE 4222264 A1 19940113 - LICENTIA GMBH [DE]
- [X] JP H08254119 A 19961001 - MITSUBISHI HEAVY IND LTD
- [X] US 2001004011 A1 20010621 - HASUMI HIROAKI [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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