

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 2236788 B1 20130911 (DE)

Application

EP 10156078 A 20100310

Priority

DE 102009012025 A 20090310

Abstract (en)

[origin: EP2236788A1] The apparatus (1) has a heat exchanger i.e. radiator (2), allowing air to pass through. An axial fan (4) has a circumferential ring (6) that is associated with a stationary baffle ring (7), where the axial fan is provided behind the heat exchanger in a direction (L) of air flow. A motion compensating element (8) having a sealing function is provided between the stationary baffle ring and a fan shroud (3) that is positioned adjacent to the heat exchanger. The motion compensating element forms a snap-on connection with an attachment section (7a) by a tensioning device or a tension band.

IPC 8 full level

F01P 5/06 (2006.01); **F01P 11/10** (2006.01)

CPC (source: EP US)

F01P 5/06 (2013.01 - EP US); **F01P 11/10** (2013.01 - EP US); **F04D 29/164** (2013.01 - EP US); **F01P 2070/50** (2013.01 - EP US)

Citation (examination)

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Cited by

CN102351012A; FR2989423A1; US9714666B2; US9784277B2; WO2013156254A1; WO2012156045A3

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DOCDB simple family (publication)

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