

Title (en)

Motor vehicle cooling assembly

Title (de)

Kühlanordnung eines Kraftfahrzeuges

Title (fr)

Agencement de refroidissement d'un véhicule automobile

Publication

EP 2149688 A3 20120201 (DE)

Application

EP 09165605 A 20090715

Priority

DE 102008035880 A 20080801

Abstract (en)

[origin: EP2149688A2] The cooling arrangement (1) comprises a coolant circuit (5) for guiding a coolant stream (7), where a heat transfer device is provided for cooling a combustion engine (21) of a motor vehicle (3). A heat transfer device is charged with partial flow (67) of the coolant stream, where other partial flows (51,53) of the coolant stream are charged independently.

IPC 8 full level

F01P 3/20 (2006.01)

CPC (source: EP)

F01P 3/20 (2013.01); **F01P 7/162** (2013.01); **F01P 2005/125** (2013.01); **F01P 2060/08** (2013.01); **F01P 2060/12** (2013.01); **F01P 2060/16** (2013.01)

Citation (search report)

- [X] DE 102004021551 A1 20060209 - DAIMLER CHRYSLER AG [DE]
- [A] EP 0499071 A1 19920819 - BEHR GMBH & CO [DE]
- [A] JP S5943967 A 19840312 - NIPPON SOKEN, et al

Cited by

FR3040433A1; CN102733929A

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2149688 A2 20100203; **EP 2149688 A3 20120201**; **EP 2149688 B1 20160427**; DE 102008035880 A1 20100204

DOCDB simple family (application)

EP 09165605 A 20090715; DE 102008035880 A 20080801