

Title (en)

Motor vehicle engine compartment provided with an expansion tank for a cooling system

Title (de)

Motorraum eines Kraftfahrzeuges mit einem Ausgleichbehälter für ein Kühlungssystem

Title (fr)

Compartment moteur d'un véhicule motorisé comportant un vase d'expansion pour un système de refroidissement

Publication

EP 2829701 A1 20150128 (EN)

Application

EP 14178438 A 20140724

Priority

IT TO20130627 A 20130724

Abstract (en)

An expansion tank (1) for a cooling system in a motor vehicle engine compartment has a container, which is adapted to receive a cooling fluid, and is fixed to a support structure (7) of the engine compartment by at least one bracket (23); the bracket (23) is fixed and laterally protrudes with respect to the container and is bayonet- coupled to the support structure (7) by a first vertical downwardly directed mounting movement, to rest a wall (44) of the bracket (23) on the support structure (7), and a second mounting movement directed along a horizontal direction (37), to vertically lock the bracket (23); the bracket (23) has, in addition, at least one locking tooth (60), which is elastically deformable and is adapted to engage snap-wise a corresponding retaining seat (61) made in the support structure (7) for locking the bracket (23) along said horizontal direction (37).

IPC 8 full level

F01P 11/02 (2006.01)

CPC (source: EP)

F01P 11/029 (2013.01)

Citation (applicant)

EP 2375028 A1 20111012 - TRISTONE FLOWTECH SOLUTIONS TFS [FR]

Citation (search report)

- [A] EP 2375028 A1 20111012 - TRISTONE FLOWTECH SOLUTIONS TFS [FR]
- [A] FR 2918621 A1 20090116 - PEUGEOT CITROEN AUTOMOBILES SA [FR]
- [A] FR 2921019 A1 20090320 - RENAULT SAS [FR]
- [A] EP 1562017 A2 20050810 - CALSONIC KANSEI CORP [JP]
- [A] JP H07243326 A 19950919 - NIPPON DENSO CO
- [A] EP 1255029 A1 20021106 - RENAULT SA [FR]

Cited by

CN109278541A

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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