

Title (en)  
A SUPPLEMENTARY TANK FOR AN AUXILIARY SYSTEM ASSOCIATED WITH AN INTERNAL COMBUSTION ENGINE OF A MOTOR-VEHICLE

Title (de)  
ZUSATZBEHÄLTER FÜR EIN HILFSSYSTEM IN VERBINDUNG MIT EINEM VERBRENNUNGSMOTOR EINES KRAFTFAHRZEUGS

Title (fr)  
RÉSERVOIR SUPPLÉMENTAIRE POUR UN SYSTÈME AUXILIAIRE ASSOCIÉ À UN MOTEUR À COMBUSTION INTERNE D'UN VÉHICULE AUTOMOBILE

Publication  
**EP 3415737 A1 20181219 (EN)**

Application  
**EP 17175831 A 20170613**

Priority  
EP 17175831 A 20170613

Abstract (en)  
A supplementary tank (1) for an auxiliary system associated with an internal combustion engine of a motor-vehicle, having a containing volume (7) for the coolant of an engine cooling system, or two separate containing volumes (7, 70), one for the coolant and the other for a urea solution in a catalytic reduction system of the exhaust gases of the engine, wherein said supplementary tank (1) has a body (2) comprising an upper half-shell (3) and a lower half-shell (4), both made of plastic, rigidly connected to each other along respective perimetral coupling edges (3A, 4A) and defining the aforesaid containing volume (7) or the aforesaid containing volumes (7, 70) between them, wherein said containing volume (7) or each of said containing volumes (7, 70) is provided with a filling inlet (10, 100) for filling the fluid within the containing volume, and at least one upper connection element (5) and one lower connection element (6) for connecting ducts to said auxiliary system, and wherein said containing volume (7) of the coolant is associated with a stilling well (8), extending upwards within said containing volume (7) of the coolant starting from a bottom wall of said body (1), said supplementary tank being characterized in that said upper half-shell (3) and said lower half-shell (4) are rigidly connected to each other by means of adhesive material, and in that said stilling well (8) protrudes upwards beyond a theoretical plane containing the perimetral coupling edge (4A) of the lower half-shell and in that said stilling well (8) is formed in a single piece with said lower half-shell (4).

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Citation (search report)  
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