

Title (en)  
CLOSURE CAP FOR AN AUTOMOTIVE RADIATOR

Title (de)  
VERSCHLUSSDECKEL FÜR KRAFTFAHRZEUGKÜHLER

Title (fr)  
BOUCHON DE FERMETURE DE RADIATEUR DE VEHICULE

Publication  
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Application  
**EP 02796614 A 20021212**

Priority  
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Abstract (en)  
[origin: US2005011893A1] The invention relates to a closure cap (10) for a stationary reservoir neck, especially of an automotive radiator. Said cap has a cap outer part (16) and a cap inner part (15), and the cap outer part (16) comprises a closure element (17) for the reservoir neck and a grip element (18) that permits it to be rotated relative thereto. A torsional stop (19) is provided between the grip element and the closure element (17) of the cap inner part (16). The cap inner part (15) comprises a fluid connection between the reservoir interior and the reservoir exterior and a valve arrangement (11) for releasing and locking said fluid connection. The torsional stop (19) that can be/is engaged under the action of a spring can be disengaged by a thermally or pressure-controlled drive (14), thereby making it possible to adapt the temperature or the pressure prevailing in the reservoir interior to that of the torsional stop of the closure cap in a simple manner and without inadmissibly high heat losses.

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