

Title (en)

CLOSING CAP FOR MOTOR VEHICLE RADIATOR

Title (de)

VERSCHLUSSDECKEL FÜR KRAFTFAHRZEUGKÜHLER

Title (fr)

CAPOT DE FERMETURE POUR RADIATEUR D'AUTOMOBILE

Publication

**EP 1036262 B1 20040512 (DE)**

Application

**EP 98965745 A 19981203**

Priority

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- EP 9807847 W 19981203

Abstract (en)

[origin: DE19753597A1] The invention relates to a closing cap (10) for the fixed tubing of a motor vehicle radiator, comprising an inner part (14) with a flow connection means between the inside and the outside of the container, as well as a distributing mechanism for freeing and closing the flow connection means. A valve body (22) of the distributing mechanism (11), which can be reciprocated, is compressed under pre-stress towards the inside of the container against a sealing seat (21) at the inner part (14) of the cap, so that said valve body can be lifted from said sealing seat (21) when a threshold value of the pressure inside the container is exceeded. In order to produce a closing cap (10) which does not open in case of overpressure resulting from heat accumulation and which ensures that the container is protected in case of a continuing increase of pressure, in a simple and cost-effective way, the invention provides for in-use controlled adjustment of the pre-stress used for compressing the valve body (22) against the sealing seat (21).

IPC 1-7

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