

Title (en)

CLOSURE CAP WHICH CAN BE FIXED ONTO A CONTAINER NECK

Title (de)

AUF EINEM BEHÄLTERSTUTZEN BEFESTIGBARER VERSCHLUSSDECKEL

Title (fr)

ENSEMBLE BOUCHON FIXABLE SUR LE COL D'UN RESERVOIR

Publication

EP 0760789 A1 19970312 (DE)

Application

EP 95923217 A 19950531

Priority

- DE 4419096 A 19940601
- DE 4422292 A 19940625
- EP 9502074 W 19950531

Abstract (en)

[origin: US6378717B1] A closure cap which can screw onto the fixed neck of a cooling system expansion tank. The closure cap is provided with a screw cap and a threaded section in which a combination pressure-vacuum valve is mounted concentrically and in such a way that it can rotate in relation to the screw cap. The valve is provided with a sealing element which comes into tight contact with the fixed neck when the closure is screwed. To ensure that the closure cap can be unscrewed only when the excess heat in the cooling system has been completely dissipated, it is proposed that the closure cap when screwed onto the fixed neck would be prevented from unscrewing means of a temperature-dependent control element.

IPC 1-7

B65D 51/00; **F01P 11/02**

IPC 8 full level

F01P 11/02 (2006.01)

CPC (source: EP US)

F01P 11/0247 (2013.01 - EP US); **F01P 11/0238** (2013.01 - EP US); **F01P 2011/0261** (2013.01 - EP US); **F01P 2070/02** (2013.01 - EP US); **Y10S 220/32** (2013.01 - EP US)

Cited by

WO03056155A1; DE10164669A1

Designated contracting state (EPC)

AT DE ES FR GB IT SE

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US 6378717 B1 20020430; AT E170151 T1 19980915; BR 9507812 A 19970916; CA 2191607 A1 19951207; EP 0760789 A1 19970312; EP 0760789 B1 19980826; ES 2121626 T3 19981201; WO 9532904 A1 19951207

DOCDB simple family (application)

US 73780197 A 19970401; AT 95923217 T 19950531; BR 9507812 A 19950531; CA 2191607 A 19950531; EP 9502074 W 19950531; EP 95923217 A 19950531; ES 95923217 T 19950531