

Title (en)

Header tank with an end cap particularly for a condenser in air conditioning unit.

Title (de)

Sammelbehälter, insbesondere für einen Kondensator einer Klimaanlage, mit einem Verschluss

Title (fr)

Boîte collectrice avec un bouchon de fermeture, en particulier pour un condenseur dans un climatiseur.

Publication

EP 1757889 A1 20070228 (DE)

Application

EP 05291776 A 20050824

Priority

EP 05291776 A 20050824

Abstract (en)

The sump has at lease one opening, and a sealing cap (25) that can be axially inserted into the opening. After the sealing cap has been inserted, the position of the cap is fixed in the axial direction. Preferably, the cap latches in the sump. After insertion, the cap is rotatable about an axis (99) which is parallel to the axial direction. Independent claims are included for a sealing cap, and a condenser.

IPC 8 full level

F28F 9/02 (2006.01); **F25B 39/04** (2006.01)

CPC (source: EP)

F25B 39/04 (2013.01); **F28F 9/0202** (2013.01); **F25B 2339/0441** (2013.01); **F25B 2400/162** (2013.01); **F28F 2220/00** (2013.01)

Citation (applicant)

- DE 10039260 A1 20010322 - BEHR GMBH & CO [DE]
- EP 0669506 B1 19990728 - BEHR GMBH & CO [DE]

Citation (search report)

- [X] EP 1515105 A2 20050316 - DELPHI TECH INC [US]
- [X] EP 1416243 A1 20040506 - SKG ITALIA S P A [IT]
- [X] US 4846262 A 19890711 - LAWRENCE HAROLD R [US], et al
- [DY] DE 10039260 A1 20010322 - BEHR GMBH & CO [DE]
- [DA] EP 0669506 A1 19950830 - BEHR GMBH & CO [DE]
- [XY] PATENT ABSTRACTS OF JAPAN vol. 017, no. 181 (M - 1394) 8 April 1993 (1993-04-08)
- [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25 12 April 2001 (2001-04-12)

Cited by

CN114963625A

Designated contracting state (EPC)

DE FR GB IT

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1757889 A1 20070228; EP 1757889 B1 20100113; DE 502005008872 D1 20100304

DOCDB simple family (application)

EP 05291776 A 20050824; DE 502005008872 T 20050824