

Title (en)

Expansion tank and hydraulic system with an expansion tank

Title (de)

Ausdehnungsgefäß und hydraulische Anlage mit Ausdehnungsgefäß

Title (fr)

Réservoir d'expansion et système hydraulique avec un réservoir d'expansion

Publication

EP 0887523 A3 20000628 (DE)

Application

EP 98110118 A 19980603

Priority

DE 19727151 A 19970626

Abstract (en)

[origin: EP0887523A2] An expansion vessel has a primary container (11), a secondary container (13) plus a connection (16) for the two containers. The primary container has a connection for a ventilation pipe (17) and the secondary container has a ventilation valve (15). The primary container has a first inlet to connect a heat generator (1), a first outlet to connect a first heat consumer (7), a second inlet (19) to connect a second heat consumer (21) plus a second outlet to connect the second heat consumer. The secondary container has a connection for an expansion pipe. A pipeline serves as a connection between the two containers which on one hand opens out into the upper region of the primary container and on the other hand, into the lower region of the secondary container.

IPC 1-7

F01P 11/02; B61C 17/00

IPC 8 full level

B61C 17/00 (2006.01); **F01P 11/02** (2006.01)

CPC (source: EP)

B61C 17/00 (2013.01); **F01P 11/029** (2013.01)

Citation (search report)

- [X] DE 4308002 C1 19940825 - IAV GMBH [DE]
- [A] DE 4243404 A1 19930701 - SAAB SCANIA AB [SE]
- [A] DE 4432292 A1 19960321 - IAV GMBH [DE]
- [A] EP 0063941 A2 19821103 - MITSUBISHI HEAVY IND LTD [JP]

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CN109987107A; JP2022513097A; US11428148B2; WO2020104063A1

Designated contracting state (EPC)

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