

Title (en)

Device for avoiding high oil tank pressures under negative g conditions

Title (de)

Vorrichtung zur Vermeidung von hohen Öltank-Drücken unter negativen g-Bedingungen

Title (fr)

Dispositif destiné à éviter des pressions élevées dans un réservoir d'huile dans des conditions de g négatif

Publication

**EP 2196635 A3 20110615 (DE)**

Application

**EP 09010617 A 20090818**

Priority

DE 102008058981 A 20081125

Abstract (en)

[origin: EP2196635A2] The tank (1) has an exhauster-outlet tube (2) connected with an exhauster and diverted from an upper area of the tank. A connection tube (6) is connected with a lower area of the tank, and a two sided open air guiding tube (3) is arranged in the upper area of the tank. The exhauster-outlet tube protrudes and extends to a middle area of the tank. The air guiding tube vertically extends in a normal condition of the tank under positive g-conditions. The air guiding tube with a lower area opens out below an oil-filling level line in a normal condition of the tank under positive g-conditions.

IPC 8 full level

**F01D 25/18** (2006.01); **F01M 11/06** (2006.01)

CPC (source: EP US)

**F01D 25/18** (2013.01 - EP US); **F01M 11/067** (2013.01 - EP US); **Y10T 137/0318** (2015.04 - EP US); **Y10T 137/86348** (2015.04 - EP US)

Citation (search report)

- [A] DE 19529733 C1 19961205 - MTU FRIEDRICHSHAFEN GMBH [DE]
- [A] US 3130022 A 19640421 - GEORGE CLARK
- [A] JP S58113811 U 19830803

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2196635 A2 20100616**; **EP 2196635 A3 20110615**; **EP 2196635 B1 20151111**; DE 102008058981 A1 20100527; US 2010126589 A1 20100527; US 8256458 B2 20120904

DOCDB simple family (application)

**EP 09010617 A 20090818**; DE 102008058981 A 20081125; US 55622409 A 20090909