

Title (en)

MULTI-CHAMBER SYSTEM SERVING AS A LIQUID EQUALIZING TANK AND USE THEREOF

Title (de)

MEHRKAMMERSYSTEM ALS FLÜSSIGKEITSAUSGLEICHSGEFÄSS UND DEREN VERWENDUNG

Title (fr)

SYSTEME A CHAMBRES MULTIPLES SERVANT DE RESERVOIR DE COMPENSATION DE LIQUIDE ET SON UTILISATION

Publication

EP 1730752 B1 20160831 (DE)

Application

EP 05728337 A 20050318

Priority

- DE 2005000518 W 20050318
- DE 102004016583 A 20040331

Abstract (en)

[origin: WO2005096329A1] The invention relates to a multi-chamber system serving as a liquid equalizing tank and to the use thereof. In the inventive multi-chamber system, a liquid expansion tank is provided due to the arrangement of the chambers and pipe systems whereby preventing external gases from entering the liquid system and enabling it to also be used in accelerated systems, such as a vehicle since no leveled out liquid columns are used. This makes it possible to provide a system for monitoring a volume of gas in a liquid-filled installation that, in addition to the multi-chamber system, also contains a Buchholz relay in the cooling liquid system. The use of this system for monitoring a volume of gas is thus suitable for means of transportation.

IPC 8 full level

H01F 27/14 (2006.01)

CPC (source: EP US)

H01F 27/14 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005096329 A1 20051013; CN 101048829 A 20071003; CN 101048829 B 20100623; DE 102004016583 B3 20060309; EP 1730752 A1 20061213; EP 1730752 B1 20160831; EP 1730752 B8 20161005; JP 2007531291 A 20071101; JP 4335943 B2 20090930; US 2007241115 A1 20071018

DOCDB simple family (application)

DE 2005000518 W 20050318; CN 200580010657 A 20050318; DE 102004016583 A 20040331; EP 05728337 A 20050318; JP 2007505369 A 20050318; US 54749906 A 20061013