

Title (en)

CONTAINER FOR A FLUID IN A VEHICLE

Title (de)

BEHÄLTER FÜR EIN BETRIEBSMEDIUM EINES KRAFTWAGENS

Title (fr)

RÉCIPIENT POUR UN FLUIDE DANS UN VÉHICULE

Publication

EP 2718549 A1 20140416 (DE)

Application

EP 12725630 A 20120605

Priority

- DE 102011104017 A 20110611
- EP 2012002363 W 20120605

Abstract (en)

[origin: WO2012171619A1] The invention relates to a tank (30) for an operating medium of a motor vehicle, having a receiving chamber (36) for the operating medium and having a curved suction extraction line (32) for the suction extraction of the operating medium, which suction extraction line extends through a base wall (38) of the tank (30) and forms a first flow duct (46) which, in the receiving chamber (36), issues into a suction intake opening (42) directed toward the base wall (38), wherein in the tank (30) there is formed a further flow duct (48) which fluidically communicates with the receiving chamber (36) and with the first flow duct (46) and which has a higher flow resistance than the first flow duct (46). During normal operation of the motor vehicle, oil flows predominantly through the streamlined circular flow duct (46), whereas during an oil change, the slot-like flow duct (48) is also utilized such that the oil in the oil tank (30) can be substantially completely withdrawn.

IPC 8 full level

F01M 11/00 (2006.01); **F01M 11/04** (2006.01)

CPC (source: EP)

F01M 11/0004 (2013.01); **F01M 11/04** (2013.01); **F01M 2011/0066** (2013.01); **F01M 2011/0083** (2013.01)

Citation (search report)

See references of WO 2012171619A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102011104017 A1 20121213; EP 2718549 A1 20140416; EP 2718549 B1 20160309; WO 2012171619 A1 20121220

DOCDB simple family (application)

DE 102011104017 A 20110611; EP 12725630 A 20120605; EP 2012002363 W 20120605