

Title (en)
FUEL TANK ARRANGEMENT FOR A VEHICLE

Title (de)
KRAFTSTOFFTANKANORDNUNG FÜR EIN FAHRZEUG

Title (fr)
RESERVOIR A CARBURANT DE VEHICULE

Publication
EP 2121370 A1 20091125 (EN)

Application
EP 08724183 A 20080220

Priority
• SE 2008050198 W 20080220
• SE 0700493 A 20070227

Abstract (en)
[origin: WO2008105725A1] Fuel tank arrangement for a vehicle5 The present invention relates to a fuel tank arrangement (10) for a vehicle, in particular a heavyload vehicle, comprising a fuel tank (12) partitioned in a main tank compartment (16) and a catch tank compartment (18), wherein a fuel supply line (26) is arranged within said catch tank compartment (18) for supplying fuel out from said catch tank compartment (18) to a combustion engine of said vehicle, wherein said main tank compartment (16) and said catch tank compartment (18) are separated from each other by means of at least one partitioning wall (14). In order to provide a reliable and air-free fuel supply to a combustion engine, a valve mechanism (24) is arranged within said partitioning wall (24) which, depending on a filling condition within said main tank compartment (16), is opened or closed in response to sucking-in fuel via said fuel supply line (26).

IPC 8 full level
B60K 15/077 (2006.01)

CPC (source: EP SE)
B60K 15/077 (2013.01 - EP SE); **B60K 2015/03105** (2013.01 - EP); **B60K 2015/03111** (2013.01 - EP); **B60Y 2200/14** (2013.01 - EP)

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008105725 A1 20080904; BR PI0807931 A2 20140715; EP 2121370 A1 20091125; EP 2121370 A4 20100505; SE 0700493 L 20080828; SE 530889 C2 20081007

DOCDB simple family (application)
SE 2008050198 W 20080220; BR PI0807931 A 20080220; EP 08724183 A 20080220; SE 0700493 A 20070227