

Title (en)

FILTER MODULE FOR A FUEL CONVEYING UNIT AND FUEL CONVEYING UNIT FOR A MOTOR VEHICLE

Title (de)

FILTERMODUL FÜR EINE KRAFTSTOFFFÖRDEREINHEIT UND KRAFTSTOFFFÖRDEREINHEIT FÜR EIN KRAFTFAHRZEUG

Title (fr)

MODULE FILTRANT D'UNE UNITE DE TRANSPORT DU CARBURANT ET UNITE DE TRANSPORT DU CARBURANT D'UN VEHICULE

Publication

EP 1315899 A1 20030604 (DE)

Application

EP 01964909 A 20010816

Priority

- DE 0103141 W 20010816
- DE 10044610 A 20000909

Abstract (en)

[origin: WO0220974A1] The invention relates to a filter module (23) for a fuel conveying unit (2) comprising a fuel pump (5) with two pump chambers (20, 21) which are independent of each other. A common filter area (24) is provided for the inlet areas (16, 17) of the pump chambers (20, 21). The filter module (23) has a connector (25) which can be inserted into a recess of a housing part (7). The configuration of the filter module (23) is particularly economical as a result.

IPC 1-7

F02M 37/22; **F02M 37/10**

IPC 8 full level

F02M 37/10 (2006.01); **F02M 37/02** (2006.01); **F02M 37/22** (2006.01)

CPC (source: EP KR US)

F02M 37/025 (2013.01 - KR); **F02M 37/106** (2013.01 - EP KR US); **F02M 37/50** (2018.12 - EP KR US); **F02M 37/025** (2013.01 - EP US)

Citation (search report)

See references of WO 0220974A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0220974 A1 20020314; AT E327423 T1 20060615; AU 8570801 A 20020322; BR 0113762 A 20030715; CN 100516498 C 20090722; CN 1454289 A 20031105; DE 10044610 A1 20020404; DE 10044610 B4 20060518; DE 50109896 D1 20060629; EP 1315899 A1 20030604; EP 1315899 B1 20060524; ES 2261460 T3 20061116; JP 2004508492 A 20040318; KR 20030036758 A 20030509; US 2004050370 A1 20040318; US 6939467 B2 20050906

DOCDB simple family (application)

DE 0103141 W 20010816; AT 01964909 T 20010816; AU 8570801 A 20010816; BR 0113762 A 20010816; CN 01815387 A 20010816; DE 10044610 A 20000909; DE 50109896 T 20010816; EP 01964909 A 20010816; ES 01964909 T 20010816; JP 2002525361 A 20010816; KR 20037003353 A 20030306; US 36393903 A 20030930