

Title (en)  
DEVICE FOR AN ARRANGEMENT INSIDE A FUEL TANK FOR SUPPLYING AND FILTERING FUEL

Title (de)  
EINRICHTUNG FÜR EINE ANORDNUNG INNERHALB EINES KRAFTSTOFFTANKES ZUM FÖRDERN UND FILTERN VON KRAFTSTOFF

Title (fr)  
DISPOSITIF POUR UN SYSTEME SITUE A L'INTERIEUR D'UN RESERVOIR DE CARBURANT ET DESTINE A ACHEMINER ET A FILTERER DU CARBURANT

Publication  
**EP 1119701 A1 20010801 (DE)**

Application  
**EP 99957849 A 19991002**

Priority  
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• DE 19846616 A 19981009

Abstract (en)  
[origin: DE19846616A1] The internal combustion engine fuel is conveyed out of the area of the tank base with a first pump through a first filter into a collection chamber, from which the fuel is moved by a second pump through a second filter to the internal combustion engine. The two pumps are brought together to form a pump unit. The collection chamber is arranged vertically above the pump unit (5) and the filters (10,11) and is formed as an open overflow container (12). The inserts of both filters are formed as ring filter elements. The filters on the same axis are arranged one above the other. The second filter (11) is integrated in a support part (3) for the pump unit (5). The support part is inserted in the lower inner area of a beaker-shaped outer housing (1), with which it is firmly connected. The upper area of the outer housing is formed as the overflow container (12).

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**F02M 37/10**; **F02M 37/18**; **F02M 37/22**

IPC 8 full level  
**F02M 37/10** (2006.01); **F02M 37/18** (2006.01); **F02M 37/22** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
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Cited by  
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