

Title (en)  
MULTI-LAYER FILLER PIPE FOR VEHICLE FUEL TANKS

Title (de)  
MEHRSCHICHTIGER KRAFTSTOFFEINFÜLLSTUTZEN FÜR FAHRZEUGKRAFTSTOFFBEHÄLTER

Title (fr)  
TUYAU DE REMPLISSAGE MULTICOUCHE POUR RESERVOIRS DE CARBURANT DE VEHICULES

Publication  
**EP 1076791 A2 20010221 (EN)**

Application  
**EP 99921352 A 19990505**

Priority  

- US 9906565 W 19990505
- US 8456898 P 19980507
- US 30454099 A 19990504

Abstract (en)  
[origin: WO9957473A2] A filler pipe for use in a motor vehicle, contains an outer zone (1) and inner zone (2) which directly, abut each other, wherein the outer zone (1) contains a single layer of polyethylene and the inner zone (2) is capable of dissipating electrostatic energy and blocking the permeation of hydrocarbons.

IPC 1-7  
**F16L 9/00**

IPC 8 full level  
**F16L 9/12** (2006.01)

CPC (source: EP KR)  
**F16L 9/00** (2013.01 - KR); **F16L 9/125** (2013.01 - EP)

Citation (search report)  
See references of WO 9957473A2

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