

Title (en)  
INJECTOR BASED INDUCTION DEVICE FOR MOTOR VEHICLE FUEL TANK

Title (de)  
SAUGSTRAHLPUMPE ZUM FÖRDERN VON KRAFTSTOFF

Title (fr)  
DISPOSITIF D'ASPIRATION A BASE DE POMPE A JET POUR RESERVOIR DE CARBURANT DE VEHICULES AUTOMOBILES

Publication  
**EP 1007838 A1 20000614 (FR)**

Application  
**EP 97942078 A 19970924**

Priority  
• FR 9701672 W 19970924  
• FR 9611739 A 19960926

Abstract (en)  
[origin: FR2753748A1] The invention concerns an injector or venturi for the induction of fuel in a motor vehicle fuel tank comprising an injection duct (20) receiving an injected delivery provided with a jet at its outlet, in line with a venturi tube (14) connected to the outlet (18) of the device delivering a transferred flow, an inlet (13) through which flows the sucked in delivery emerging between the jet and the venturi tube (22, 14), characterised in that the jet (22) which receives the injected delivery is formed of a nozzle of variable cross section depending on the pressure and the injected delivery Qi.

IPC 1-7  
**F02M 37/02**; **F04F 5/46**

IPC 8 full level  
**F02M 37/02** (2006.01); **F04F 5/46** (2006.01)

CPC (source: EP)  
**F02M 37/02** (2013.01); **F04F 5/461** (2013.01)

Citation (search report)  
See references of WO 9813599A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**FR 2753748 A1 19980327**; **FR 2753748 B1 19981211**; DE 69713166 D1 20020711; DE 69713166 T2 20021212; EP 1007838 A1 20000614; EP 1007838 B1 20020605; WO 9813599 A1 19980402

DOCDB simple family (application)  
**FR 9611739 A 19960926**; DE 69713166 T 19970924; EP 97942078 A 19970924; FR 9701672 W 19970924