

Title (en)

FUEL INJECTION SYSTEM WITH HIGH-PRESSURE FUEL RESERVOIR AND GAP FILTER AS PRESSURE VIBRATION DAMPER

Title (de)

KRAFTSTOFFEINSPRITZSYSTEM MIT KRAFTSTOFFHOCHDRUCKSPEICHER UND SPALTFILTER ALS DRUCKSCHWINGUNSDÄMPFER

Title (fr)

SYSTEME D'INJECTION DE CARBURANT COMPRENANT UN ACCUMULATEUR A HAUTE PRESSION DE CARBURANT ET UN FILTRE A LAMELLES FAISANT OFFICE D'AMORTISSEUR D'OSCILLATIONS DE PRESSION

Publication

EP 2002107 A1 20081217 (DE)

Application

EP 07726707 A 20070308

Priority

- EP 2007052166 W 20070308
- DE 102006014035 A 20060327

Abstract (en)

[origin: DE102006014035A1] The system has a fuel high pressure storage (1) comprising a fuel supply (2)and a fuel discharge (3.1, 3.2, 3.3, 3.4), where the fuel supply with a fuel high-pressure pump and the fuel discharge stays in effective connection with an fuel injection valve (6). A screen filter (4) is arranged in the fuel discharge and/or in the fuel supply of the fuel high pressure storage, where the screen filter is geometrically designed in such a manner that it obtains a given throttle effect.

IPC 8 full level

F02M 37/00 (2006.01); **F02M 37/22** (2006.01); **F02M 55/02** (2006.01); **F02M 61/16** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP US)

F02M 55/025 (2013.01 - EP US); **F02M 61/165** (2013.01 - EP US); **F02M 63/0225** (2013.01 - EP US); **Y10T 137/794** (2015.04 - EP US)

Citation (search report)

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DE FR

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