

Title (en)  
ENGINE MANIFOLD PULSE DAMPENER

Publication  
**EP 0280923 A3 19890222 (EN)**

Application  
**EP 88101766 A 19880205**

Priority  
US 2274287 A 19870306

Abstract (en)  
[origin: EP0280923A2] A fuel system utilizing a fuel source, a fuel pump delivering from said source to an internal combustion engine fuel rail in which fuel injectors deliver fuel to an engine manifold. A pulse dampener to smooth out the pulses in the manifold resulting from the fuel pump and the fuel injectors is interposed in the fuel system presenting a flexible diaphragm backed by a pressure chamber to the fuel supply to reduce noise in the fuel rail and smooth the flow of fuel to the engine.

IPC 1-7  
**F02M 55/04**

IPC 8 full level  
**F02M 37/00** (2006.01); **F02M 55/04** (2006.01); **F02M 69/00** (2006.01)

CPC (source: EP)  
**F02M 37/0041** (2013.01); **F02M 55/04** (2013.01); **F02M 37/0017** (2013.01)

Citation (search report)

- [X] DE 3152860 A1 19830714 - BOSCH GMBH ROBERT [DE]
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Designated contracting state (EPC)  
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