

Title (en)
FUEL INJECTION SYSTEM FOR A VEHICLE

Title (de)
KRAFTSTOFFEINSPRITZSYSTEM FÜR EIN FAHRZEUG

Title (fr)
SYSTÈME D'INJECTION DE CARBURANT POUR VÉHICULE

Publication
EP 3938641 A4 20221207 (EN)

Application
EP 20770880 A 20200205

Priority
• IN 201941009236 A 20190309
• IN 2020050113 W 20200205

Abstract (en)
[origin: WO2020183485A1] A fuel injection system for bi-fuel engine of a vehicle. The system includes an air control valve configured with a liquid fuel bowl, an intake pipe, one or more first sensors, a fuel injector, and a second sensor. The air control valve includes an entry port and an exit port, the entry port is connected to an air filter to receive air. The intake pipe includes a first end and a second end, the first end is connected to the exit port of the air control valve, and the second end is connected to an intake port of the engine. The one or more first sensors are disposed on the air control valve. The fuel injector is disposed on the second end of the intake pipe; and the second sensor is disposed on at least a portion between the first end and the second end of the intake pipe.

IPC 8 full level
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CPC (source: EP)
F02D 9/105 (2013.01); **F02D 9/1055** (2013.01); **F02D 19/0642** (2013.01); **F02D 19/0694** (2013.01); **F02D 41/0025** (2013.01); **F02D 41/0027** (2013.01); **F02M 21/023** (2013.01); **F02M 21/0239** (2013.01); **F02M 21/04** (2013.01); **F02M 35/10216** (2013.01); **F02M 35/1038** (2013.01); **F02M 69/044** (2013.01); **F02M 71/00** (2013.01); **F02D 41/1454** (2013.01); **F02D 2200/021** (2013.01); **F02D 2200/0404** (2013.01); **F02D 2200/0406** (2013.01); **F02D 2200/0414** (2013.01); **F02D 2200/101** (2013.01); **Y02T 10/30** (2013.01)

Citation (search report)
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• See also references of WO 2020183485A1

Designated contracting state (EPC)
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