

Title (en)
Improvements to turbomachine injectors

Title (de)
Verbesserungen an Turbomaschineninjektoren

Title (fr)
Perfectionnements apportés aux injecteurs de turbomachine

Publication
EP 1312863 B1 20070613 (FR)

Application
EP 02292867 A 20021119

Priority
FR 0114973 A 20011120

Abstract (en)
[origin: EP1312863A1] The fuel injector (2) consists of a housing (4) with a pressurised fuel inlet (6) and first and second valves (10, 36), the first letting fuel into the housing, and the second delivering the fuel to the consumer units (48). The injector incorporates a diaphragm (66) between the inlet (6) and the first valve to fix the incoming fuel flow at a predetermined level, and a regulator (68) to define a third threshold pressure while acting as a stop for the second valve.

IPC 8 full level
F23K 5/14 (2006.01); **F02C 7/232** (2006.01)

CPC (source: EP US)
F23K 5/147 (2013.01 - EP US); **Y10T 137/2663** (2015.04 - EP US)

Cited by
FR2921113A1; FR2987430A1; FR2987429A1; CN104114834A; US9494079B2; WO2013124568A1

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