

Title (en)

Electromagnetically actuable fuel injection valve

Title (de)

Elektromagnetisch betätigbares Brennstoffeinspritzventil

Title (fr)

Soupape d'injection de combustible actionnable électromagnétiquement

Publication

**EP 0687811 B1 19990317 (DE)**

Application

**EP 95107720 A 19950520**

Priority

DE 4421429 A 19940618

Abstract (en)

[origin: JPH084622A] PURPOSE: To avoid penetration of liquid into the inside of a valve to eliminate corrosion on contact pins or on a coil wire. CONSTITUTION: In this fuel injection valve, a protective sleeve 50 at least radially completely surrounds a valve housing 1. The protective sleeve 50 is formed such that at least a prescribed part of the protective sleeve 50 is apart from the valve housing 1 to form a chamber 54. One end part of the protective sleeve 50 is tightly connected with a plastic covering body 43, while the other end part of the protective sleeve 50 has a play to the valve housing 1.

IPC 1-7

**F02M 51/06**; **F02M 61/16**

IPC 8 full level

**F02M 51/06** (2006.01); **F02M 51/08** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP US)

**F02M 51/061** (2013.01 - EP US); **F02M 51/0678** (2013.01 - EP US); **F02M 61/16** (2013.01 - EP US)

Cited by

CN107965405A

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 0687811 A1 19951220**; **EP 0687811 B1 19990317**; DE 4421429 A1 19951221; DE 59505356 D1 19990422; ES 2131726 T3 19990801; JP H084622 A 19960109; US 5634597 A 19970603

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**EP 95107720 A 19950520**; DE 4421429 A 19940618; DE 59505356 T 19950520; ES 95107720 T 19950520; JP 14788195 A 19950614; US 47078495 A 19950606