

Title (en)

Fuel injection valve

Title (de)

Brennstoffeinspritzventil

Title (fr)

Injecteur de carburant

Publication

**EP 1593837 B1 20070919 (DE)**

Application

**EP 05101635 A 20050303**

Priority

DE 102004021920 A 20040504

Abstract (en)

[origin: EP1593837A1] An electrical connector (40) with a positive terminal and a ground terminal is provided on a valve housing in which an actuator (3) and a hydraulic coupler are arranged. The ground pole of the actuator is cablelessly connected to the ground terminal of the connector, and the positive pole of the actuator is cablelessly connected to the positive terminal. The connection may be made via the valve housing or the actuator housing.

IPC 8 full level

**F02M 51/00** (2006.01); **F02M 51/06** (2006.01); **F02M 61/16** (2006.01); **H01L 41/00** (2006.01)

CPC (source: EP US)

**F02M 51/005** (2013.01 - EP US); **F02M 51/0603** (2013.01 - EP US); **F02M 61/167** (2013.01 - EP US)

Cited by

EP2881577A1; EP1726819B1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1593837 A1 20051109**; **EP 1593837 B1 20070919**; DE 102004021920 A1 20051201; DE 502005001511 D1 20071031; US 2005247803 A1 20051110; US 7267111 B2 20070911

DOCDB simple family (application)

**EP 05101635 A 20050303**; DE 102004021920 A 20040504; DE 502005001511 T 20050303; US 12150505 A 20050503