

Title (en)
Fuel injector.

Title (de)
Brennstoffeinspritzdüse.

Title (fr)
Injecteur de combustible.

Publication
EP 0026060 A1 19810401 (EN)

Application
EP 80303089 A 19800904

Priority
GB 7932662 A 19790920

Abstract (en)
A fuel injector including a body (11) having therein a fuel flow path (15) controlled by a valve incorporating a disc-like closure member (17). The member (17) is guided by an internal circular cylindrical surface (23) of the body for movement between an open position and a closed position. The peripheral surface (24) of the closure member (17) is part-spherical, and co-operates with the internal cylindrical surface (23).

IPC 1-7
F02M 51/08; **F16K 31/06**

IPC 8 full level
F02M 69/04 (2006.01); **F02M 51/06** (2006.01); **F02M 51/08** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)
F02M 51/0639 (2013.01); **F02M 51/08** (2019.01); **F02M 61/16** (2013.01)

Citation (search report)

- DD 97026 A5 19730412
- DE 1500022 B2 19721130
- DE 1264149 B 19680321 - DAIMLER BENZ AG
- DE 2412490 A1 19750925 - KUNZ WUNNIBALD, et al
- US 4033513 A 19770705 - LONG E DAVID
- US 3015325 A 19620102 - WILLIAMS RUSSELL F, et al
- US 3412718 A 19681126 - DAVID LONG EMILE
- FR 2349078 A1 19771118 - PROENGIN [FR]
- FR 1289199 A

Cited by
EP0102723A1; GB2144201A; DE3811003A1; US4721254A; EP0582298A1; US5375772A; GB2136500A; EP0583139A1; US5381966A; US4832314A; FR2549902A1; GB2148388A; CN100453791C; DE3810827A1; AU2004284168B2; US7464886B2; WO2005040591A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0026060 A1 19810401; JP S5664149 A 19810601

DOCDB simple family (application)
EP 80303089 A 19800904; JP 13011180 A 19800920