

Title (en)

Fuel injection valve

Title (de)

Brennstoffeinspritzventil

Title (fr)

Soupape d'injection de carburant

Publication

**EP 1260703 B1 20070704 (DE)**

Application

**EP 02010912 A 20020516**

Priority

DE 10124745 A 20010521

Abstract (en)

[origin: EP1260703A2] The injection ports (7) issue from raised parts (36) surmounting the valve seat (5) and through fuel channels (39) in the parts (36). The raised parts (36) thus enter the space (38) between valve seat (5) and seal (4). The fuel channels (39) widen out towards the ports (7), first in a barrel shape going over into a trumpet shape.

IPC 8 full level

**F02M 51/06** (2006.01); **F02M 61/16** (2006.01); **F02M 61/18** (2006.01); **F02M 61/20** (2006.01)

CPC (source: EP)

**F02M 51/0671** (2013.01); **F02M 61/18** (2013.01); **F02M 61/1806** (2013.01); **F02M 61/1833** (2013.01); **F02M 61/188** (2013.01); **F02M 61/205** (2013.01); **F02M 61/165** (2013.01)

Cited by

WO2010023012A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1260703 A2 20021127**; **EP 1260703 A3 20040128**; **EP 1260703 B1 20070704**; DE 10124745 A1 20030327; DE 50210406 D1 20070816

DOCDB simple family (application)

**EP 02010912 A 20020516**; DE 10124745 A 20010521; DE 50210406 T 20020516