

Title (en)

Throttle body in fuel injection apparatus

Title (de)

Drosselkörper für Brennstoffeinspritzvorrichtung

Title (fr)

Corps de papillon dans un appareil à injection de carburant

Publication

**EP 1978235 A3 20100602 (EN)**

Application

**EP 08154074 A 20080404**

Priority

- JP 2007100588 A 20070406
- JP 2007202787 A 20070803

Abstract (en)

[origin: EP1978235A2] A productivity of a throttle body is improved by extremely easy fuel drawing in a first fuel distribution pipe holding a first fuel injection valve to one side wall of a first air intake passage, and a second fuel distribution pipe holding a second fuel injection valve to the other side wall of a second air intake passage. A first fuel distribution pipe (10) is provided with a first distribution tube portion (10a) in which a first fuel distribution path (10b) is provided, a first injection valve insertion tube portion (10d) having a first injection valve insertion hole (10g), and a first connection tube portion (10h) which is orthogonal to the first distribution tube portion (10a) and in which a first connection hole (10i) connected to the first fuel distribution path (10b) is provided. A second fuel distribution pipe (20) is provided with a second distribution tube portion (20a) in which a second fuel distribution path (20b) is provided, a second injection valve insertion tube portion (20d) having a second injection valve insertion hole (20g), and a second connection tube portion (20h) which is orthogonal to the second distribution tube portion (20a) and in which a second connection hole (20m) is provided.

IPC 8 full level

**F02M 35/10** (2006.01); **F02D 9/10** (2006.01)

CPC (source: EP)

**F02D 9/1055** (2013.01); **F02D 9/1095** (2013.01); **F02M 35/10216** (2013.01); **F02M 35/10255** (2013.01); **F02M 63/0295** (2013.01); **F02M 69/044** (2013.01); **F02M 69/465** (2013.01)

Citation (search report)

- [XAY] US 2006157021 A1 20060720 - NAKAGAWA MITSUYUKI [JP] & JP 2006200382 A 20060803 - KEIHIN CORP
- [YA] JP 2004211612 A 20040729 - KEIHIN CORP
- [XA] EP 1586764 A1 20051019 - KEIHIN CORP [JP]
- [A] JP H0385335 A 19910410 - HONDA MOTOR CO LTD
- [A] US 4964381 A 19901023 - SHIOZAKI TOMOO [JP], et al
- [A] EP 1630382 A1 20060301 - HONDA MOTOR CO LTD [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 08154074 A 20080404**