

Title (en)
THROTTLE VALVE SYSTEM

Title (de)
DROSSELKLAPPENSYSYSTEM

Title (fr)
SYSTEME DE SOUPAPE D'ETRANGLEMENT

Publication
EP 0754269 B1 19980506 (DE)

Application
EP 96903960 A 19960201

Priority
• DE 29501451 U 19950201
• EP 9600426 W 19960201

Abstract (en)
[origin: WO9623965A1] A throttle valve system comprising at least: a throttle valve housing component (98); a throttle valve spindle component (99), on which a throttle valve component (100) is arranged and which is fitted so as to move at least in a gas mixture cavity (103) in the throttle valve housing component; a throttle valve drive unit (91) and an angle sensor unit (93), which are connected at least partially with the throttle valve spindle component (99), and an electronic control unit (7, 8), which are enclosed by the throttle valve housing component (98); a temperature sensor unit (94); and a valve unit (95). The valve unit (95), the throttle valve drive unit (91), the angle sensor unit (93) and the electronic control unit (7, 8) are enclosed by the throttle valve housing component (98). The valve unit (95) is connected to the gas mixture cavity (103) via a fuel vapour recess (102) passing through the throttle valve housing component (98). A central connector unit (96) is arranged on the throttle valve housing component (98). The temperature sensor unit (95) is located in the central connector unit (96).

IPC 1-7
F02D 11/10

IPC 8 full level
F02D 9/02 (2006.01); **F02D 9/10** (2006.01); **F02D 11/10** (2006.01); **F02M 25/08** (2006.01)

CPC (source: EP US)
F02D 9/10 (2013.01 - EP US); **F02D 9/1065** (2013.01 - EP US); **F02D 11/10** (2013.01 - EP US)

Cited by
DE102014005809A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
DE 29501451 U1 19950614; DE 59600188 D1 19980610; EP 0754269 A1 19970122; EP 0754269 B1 19980506; JP H09511309 A 19971111; MX 9604463 A 19971231; US 5881695 A 19990316; WO 9623965 A1 19960808

DOCDB simple family (application)
DE 29501451 U 19950201; DE 59600188 T 19960201; EP 9600426 W 19960201; EP 96903960 A 19960201; JP 52326396 A 19960201; MX 9604463 A 19960201; US 77646597 A 19970110