

Title (en)
Control unit for controlling bypass in throttle body

Title (de)
Steuervorrichtung für Drosselklappenbypassleitung

Title (fr)
Dispositif de commande du bypass du papillon

Publication
EP 1041266 B1 20041208 (EN)

Application
EP 00106953 A 20000331

Priority
JP 9265599 A 19990331

Abstract (en)
[origin: EP1041266A2] To adjust the amount of intake air for idling operation by making use of a valve body provided in a first idle apparatus. A bypass (13) connected to an intake passage (6) while bypassing a throttle valve (8) for opening/closing the intake passage (6) is provided in a throttle body (3). A first idle apparatus (15) including a valve body (14) for opening/closing the bypass (13) and a thermosensitive actuating means (20) actuated to move the valve body (14) in the valve closing direction in accordance with the temperature rise of an engine (E) is mounted to the throttle body (3). A movable stopping means (37) for adjusting a closed position of the valve body (14) thereby adjusting an amount of intake air for idling of the engine (E) is provided in the throttle body (3). <IMAGE>

IPC 1-7
F02M 3/06

IPC 8 full level
F02M 35/10 (2006.01); **F02D 9/02** (2006.01); **F02D 9/10** (2006.01); **F02D 43/00** (2006.01); **F02D 45/00** (2006.01); **F02M 3/06** (2006.01); **F02M 35/16** (2006.01); **F02M 69/32** (2006.01)

CPC (source: EP)
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Cited by
EP1760302A3; EP1387075A1; US6901919B2

Designated contracting state (EPC)
DE ES IT

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EP 1041266 A2 20001004; **EP 1041266 A3 20010207**; **EP 1041266 B1 20041208**; CN 1109188 C 20030521; CN 1268622 A 20001004; DE 60016491 D1 20050113; DE 60016491 T2 20051215; ES 2234471 T3 20050701; ID 25439 A 20001005; JP 2000283009 A 20001010; JP 4109788 B2 20080702; TW 432164 B 20010501

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