

Title (en)
Intake amount control apparatus of engine

Title (de)
Einlassluftmengensteuervorrichtung für Brennkraftmaschine

Title (fr)
Dispositif de commande de la quantité d'air d'admission pour moteur

Publication
EP 1081357 B1 20051019 (EN)

Application
EP 00402352 A 20000824

Priority
JP 25090899 A 19990903

Abstract (en)
[origin: EP1081357A2] To achieve a reduction in intake resistance in an intake amount control apparatus having a throttle body such that in a fully open state of the throttle valve, the valve is not present in an intake path of the throttle body. Solution A throttle body 11 is provided with a fitting hole 18 having a diameter larger than a diameter of an intake path 12 and orthogonal to an axial line X of the intake path 12, the fitting hole 18 is fitted with a rotary type throttle valve 20 for rotationally moving between a fully closed position and a fully open position and the throttle valve 20 is provided with a valve hole 27 coinciding with the intake path 12 at the fully open position. <IMAGE>

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F02D 9/16

IPC 8 full level
F02D 9/16 (2006.01); **F16K 5/04** (2006.01)

CPC (source: EP)
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Cited by
EP1388652A3; WO2007026542A1; US11555468B2

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EP 1081357 A2 20010307; EP 1081357 A3 20011010; EP 1081357 B1 20051019; CN 1109187 C 20030521; CN 1287218 A 20010314; ES 2250087 T3 20060416; ID 27143 A 20010308; JP 2001073813 A 20010321; TW 486556 B 20020511

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EP 00402352 A 20000824; CN 00122698 A 20000816; ES 00402352 T 20000824; ID 20000744 D 20000901; JP 25090899 A 19990903; TW 89117759 A 20000831