

Title (en)  
Intake system of engine

Title (de)  
Einlasssystem für Brennkraftmaschine

Title (fr)  
Système d'admission pour moteur

Publication  
**EP 1081356 B1 20050302 (EN)**

Application  
**EP 00402351 A 20000824**

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Abstract (en)  
[origin: EP1081356A2] An object of the present invention is to realize a compact formation of an intake system by unitizing a throttle position sensor and a fuel injection controlling elements and mounting unitized one on a throttle body in a compact manner. Solution In an intake system provided with a throttle body 11 having an intake path 12 communicating with an intake port of an engine E, with a throttle valve 20 for controlling an intake quantity of the engine by means of the intake path 12, and with a fuel injection valve 9 for injecting fuel and supplying to the engine E, the throttle body 11 is mounted with an electronic controlling unit U integrated with a throttle position sensor Sth for detecting an opening degree of the throttle valve 20 and with a fuel injection controlling elements 81 and 82 for controlling fuel injection quantity of the fuel injection valve 9 on the basis of, at least, an output signal of the throttle position sensor Sth. <IMAGE>

IPC 1-7  
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IPC 8 full level  
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Cited by  
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