

Title (en)  
INTAKE DEVICE OF ENGINE

Title (de)  
ANSAUGVORRICHTUNG EINER BRENNKRAFTMASCHINE

Title (fr)  
DISPOSITIF D'ADMISSION DE MOTEUR

Publication  
**EP 1347162 B1 20080806 (EN)**

Application  
**EP 01998725 A 20011121**

Priority  

- JP 0110160 W 20011121
- JP 2000364574 A 20001130
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Abstract (en)  
[origin: EP1347162A1] A bypass passage (15) is formed in a throttle body (1) and comprised of a bypass inlet bore (15i) and a bypass outlet bore (15o), which open into an upstream portion and a downstream portion of an intake passage (2) respectively with a throttle valve (5) interposed therebetween, and a bypass intermediate portion (15m) which is provided in a device block (11) detachably secured to a mounting surface (10a) formed on the throttle body (1) and is connected at its opposite ends to the bypass inlet bore (15i) and the bypass outlet bore (15o), respectively, and a bypass valve (25), an actuator (28) and an output portion (8b) of a throttle sensor (8) are mounted to the device block (11) to form a bypass valve/sensor assembly (43). The bypass valve/sensor assembly (43) can be fabricated in parallel with the formation of the throttle body (1). Thus, it is possible to provide an enhancement in productivity of an air intake system in an engine. <IMAGE>

IPC 8 full level  
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**F02D 2009/0294** (2013.01); **F02D 2200/0404** (2013.01); **F02D 2400/18** (2013.01)

Cited by  
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