

Title (en)

Air intake system in engine

Title (de)

Luftansaugsystem in einem Motor

Title (fr)

Système d'admission d'air dans un moteur

Publication

EP 1811153 A2 20070725 (EN)

Application

EP 07008928 A 20011121

Priority

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- JP 2000364574 A 20001130
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- JP 2000364576 A 20001130

Abstract (en)

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.

IPC 8 full level

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CPC (source: EP)

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- DE 19628059 A1 19970116 - NIPPON DENSO CO [JP]

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