

Title (en)

Intake system structure of power unit

Title (de)

Aufnahmesystemstruktur für eine Leistungseinheit

Title (fr)

Structure de système d'admission de bloc d'alimentation

Publication

EP 2366884 A2 20110921 (EN)

Application

EP 11157831 A 20110311

Priority

JP 2010058685 A 20100316

Abstract (en)

This intake system structure of a power unit (5), which is mounted to a vehicle (1), and in which an internal combustion engine (2) and a power transmission 3 are integrated with each other, an air cleaner (50) is provided at a position away from a cylinder part (44) of the internal combustion engine (2), a throttle body (52) is disposed at a position close to the cylinder part, and the air cleaner and the throttle body are connected to each other by a connecting tube (51), wherein a regulating member (54) around the axis of an intake passage (52a) regulates the throttle body (52) in a position in the rotating direction around the axis with respect to the cylinder part, the throttle body is assembled to the cylinder part through an inlet manifold (53) and supported integrally, and in the throttle body, a connecting cylindrical part (60) to the connecting tube is provided with a positioning part (61) for positioning the connecting tube in the rotating direction.

IPC 8 full level

F02M 35/10 (2006.01); **F02M 35/16** (2006.01)

CPC (source: EP)

F02M 35/10039 (2013.01); **F02M 35/10078** (2013.01); **F02M 35/10144** (2013.01); **F02M 35/162** (2013.01)

Citation (applicant)

JP 2006291777 A 20061026 - YAMAHA MOTOR CO LTD

Cited by

CN111655996A; EP3741987A4

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BA ME

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