

Title (en)
ENGINE UNIT AND SADDLED VEHICLE

Title (de)
MOTOREINHEIT UND SATTELFahrZEUG

Title (fr)
UNITÉ DE MOTEUR ET VÉHICULE À SELLE

Publication
EP 3176419 A4 20170816 (EN)

Application
EP 15830604 A 20150423

Priority
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Abstract (en)
[origin: EP3176419A1] A desired amount of fuel vapor is introduced to a combustion chamber. A communication passage member 163 through which fuel vapor is introduced from a canister 161 into an intake passage member 110 is provided. A solenoid valve 170 is provided to the communication passage member 163. The solenoid valve 170 is provided so that the capacity of a part a communication passage 163a in the communication passage member 163, the part extending between the downstream intake passage 110x and the valve, is smaller than a half of the displacement of an engine 130. In a downstream intake passage portion 110d, pressure varies in a pressure-variation manner such that: a larger depression having a larger difference from atmospheric pressure and a smaller depression having a smaller difference from atmospheric pressure are created in each four-stroke cycle; and the creation of the larger and smaller depressions is repeated on a four-stroke basis. The solenoid valve 170 is controlled in association with the four-stroke-basis pressure-variation manner.

IPC 8 full level
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Citation (search report)
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• [Y] EP 1369568 A2 20031210 - TOYOTA MOTOR CO LTD [JP]
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