

Title (en)

Exhaust gas recycling device for a motorcycle engine

Title (de)

Abgasrückführeinrichtung für Motorrad-Brennkraftmaschine

Title (fr)

Dispositif de recyclage des gaz d'échappement pour moteur à combustion interne d'un motocycle

Publication

**EP 1676994 B1 20080514 (EN)**

Application

**EP 04031001 A 20041230**

Priority

EP 04031001 A 20041230

Abstract (en)

[origin: EP1676994A1] An exhaust gas recycling device (6) is adapted for a motorcycle engine (3) that includes an air intake system (31) and an exhaust gas system (32). The exhaust gas recycling device (6) includes a normally closed exhaust gas recycling valve (61), an exhaust gas outlet (321', 322') and an air-guiding pipe (62). The exhaust gas recycling valve (61) is mounted on the air intake system (31), and has a gas inlet (611) and a gas outlet (612) that is in fluid communication with the air intake system (31). The exhaust gas recycling valve (61) is opened so as to allow for gas flow between the gas inlet (611) and the gas outlet (612) when the engine (3) is in an accelerated state. The exhaust gas outlet (321', 322') is formed in the exhaust gas system (32). The air-guiding pipe (62) has one end connected to and in fluid communication with the gas inlet (611), and the other end connected to and in fluid communication with the exhaust gas system (32).

IPC 8 full level

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CPC (source: EP)

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