

Title (en)

Exhaust system for a motorcycle and motorcycle comprising the same

Title (de)

Abgassystem für ein Motorrad und Motorrad damit

Title (fr)

Système d'échappement pour motocyclette et motocyclette le comportant

Publication

**EP 2141330 B1 20110914 (EN)**

Application

**EP 09008321 A 20090625**

Priority

JP 2008174408 A 20080703

Abstract (en)

[origin: EP2141330A1] An exhaust pipe (20) into which an exhaust gas from a single cylinder engine (50) flows is provided with a three way catalyst (90). The exhaust pipe includes a first pipe (42) inserted into a muffler (30) and a second pipe (44) extending toward the downstream side from the first pipe (42) within the muffler (30). A narrowed portion (47) having an inner diameter smaller than that of a cylindrical portion (46) of the first pipe (42) is provided in a downstream-end opening of the first pipe (42). The narrowed portion (47) is inserted into an upstream-end opening of the second pipe (44). A first expansion chamber (70) that integrally encloses the outer periphery and the downstream-end opening of the second pipe (44) is formed within the muffler (30). A plurality of holes (45) are formed in a distributed manner in a region, except a downstream region, of a peripheral surface of the second pipe (44). The length in the axial direction of the downstream region is not less than 1/3 times the inner diameter of the second pipe (44).

IPC 8 full level

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CPC (source: EP)

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Cited by

CN107387201A; CN113631802A; EP3947929A4; WO2020202219A1

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