

Title (en)

Exhaust catalyst mounting structure for motorcycles

Title (de)

Montageanordnung für einen Abgaskatalysator für Motorräder

Title (fr)

Structure de montage de catalyseur pour motocyclettes

Publication

**EP 1643095 B1 20070606 (EN)**

Application

**EP 05017996 A 20050818**

Priority

JP 2004289060 A 20040930

Abstract (en)

[origin: EP1643095A1] The invention realizes an arrangement of an exhaust catalyst in which respective shapes of the exhaust catalyst and a muffler are determined so as to avoid interference with respect to each other. In the invention, a front exhaust pipe 25 and a rear exhaust pipe 26 extending from a front cylinder 23 and a rear cylinder 24 of an engine 10 of a V-shape in the fore-and-aft direction are collected at a collective pipe 27 below the engine 10, and the rear end portion thereof is connected to a cylindrical catalyst pipe 40 disposed at a position overlapped with a rear wheel 9 in side view. A cylindrical exhaust catalyst 41 is stored in the catalyst pipe 40. The catalyst pipe 40 is connected to the collective pipe 27 of small diameter via a front tapered connecting pipe 42, and is connected to a muffler 28 having a substantially inverted triangular cross section with a larger diameter via a rear tapered connecting pipe 43.

IPC 8 full level

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CPC (source: EP)

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Cited by

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