

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 A1 20060405 (EN)

Application

EP 05017996 A 20050818

Priority

JP 2004289060 A 20040930

Abstract (en)

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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Citation (search report)

- [A] DE 4431484 A1 19960314 - EBERSPAECHER J [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 01 31 January 1997 (1997-01-31)
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- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 191 (M - 322) 4 September 1984 (1984-09-04)

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