

Title (en)  
Exhaust assembly structure

Title (de)  
Auspuffvorrichtung

Title (fr)  
Unité d'échappement

Publication  
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Application  
**EP 00102775 A 20000210**

Priority  
JP 4863799 A 19990225

Abstract (en)

An exhaust chamber(64) is integrally provided with a muffler (65), and when a plurality of exhaust pipes (11,12) have different lengths, the exhaust pipe (11), which is longer, is set to have a larger diameter so that the exhaust pipes (11,12)have substantially equal exhaust resistance. Exhaust pipes (11,12) can be set in a substantially linear arrangement so that exhaust resistance of the respective exhaust pipes (11,12) can be reduced. Also, as a longer exhaust pipe (11) is set to have a larger diameter, exhaust resistance for the respective exhaust pipes (11,12)can be set substantially equal. Therefore, fuel adjustment of the carburetors for fuel supply to the respective cylinders can be readily achieved, and, in combination with the substantially linear arrangement of the exhaust pipes (11,12),engine output performance can be improved. <IMAGE>

IPC 1-7  
**F01N 7/04; F01N 7/08; F01N 1/08**

IPC 8 full level  
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**F01N 2490/155** (2013.01); **F01N 2590/04** (2013.01)

Citation (search report)

- [X] US 4800719 A 19890131 - CAMPBELL MONTY A [US]
- [A] US 4359865 A 19821123 - NAKAO YASUO, et al
- [A] US 4903483 A 19900227 - ATSUUMI MAMORU [JP], et al
- [A] EP 0500105 A1 19920826 - YAMAHA MOTOR CO LTD [JP]

Cited by  
US2014290232A1; US9328647B2

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