

Title (en)  
Saddle-ride type vehicle

Title (de)  
Sattelfahrzeug

Title (fr)  
Véhicule à selle

Publication  
**EP 2489847 B1 20150624 (EN)**

Application  
**EP 12152725 A 20120126**

Priority  
JP 2011034043 A 20110219

Abstract (en)  
[origin: EP2489847A2] In a saddle-ride type vehicle, an exhaust pipe 33 is connected to an exhaust port of an engine 30, and an O 2 sensor 50 is attached near this connection portion. The O 2 sensor 50 is connected with a positive terminal of a battery 66. The exhaust pipe 33 extends rearward and is supported by a pivot plate 15 at a vehicle-body attachment stay 46. An earth connection portion 47 is provided integrally with a portion of the vehicle-body attachment stay 46, and a terminal 61 of a sensor-side earth wire 60 is connected to the earth connection portion 47. The pivot plate 15 is part of a vehicle-body frame 10, and is electrically connected to the engine 30 supported by the vehicle-body frame 10. The engine is connected to a negative terminal of the battery 66 by an engine-side earth wire 67. Thus, the exhaust pipe 33 serves as part of the earth wire. This facilitates wiring of an earth wire for an oxygen sensor.

IPC 8 full level  
**F01N 13/00** (2010.01)

CPC (source: EP)  
**F01N 13/008** (2013.01); **F01N 13/1822** (2013.01); **F01N 2560/025** (2013.01); **F01N 2590/04** (2013.01)

Cited by  
CN104847468A; US10934923B2; GB2595754A; GB2595754B; EP3712399A1; CN107407215A; EP3276149A4; EP3276138A4; US11383203B2; CN107407186A; US2018080364A1; EP3276137A4; US10844769B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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BR 102012003598 B1 20210112; JP 2012172563 A 20120910; JP 5671366 B2 20150218

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