

Title (en)

INTAKE STRUCTURE FOR INTERNAL COMBUSTION ENGINES FOR USE ON SADDLE-TYPE VEHICLES

Title (de)

EINLASSTRUKTUR FÜR VERBRENNUNGSMOTOREN ZUR VERWENDUNG IN SATTELFahrZEUGEN

Title (fr)

STRUCTURE D'ADMISSION POUR MOTEURS À COMBUSTION INTERNE À UTILISER SUR UN VÉHICULE DE TYPE À SELLE

Publication

EP 3546739 B1 20210526 (EN)

Application

EP 19166044 A 20190329

Priority

JP 2018067320 A 20180330

Abstract (en)

[origin: EP3546739A1] An intake structure for an internal combustion engine 4 for use on a saddle-type vehicle, includes upper, lower, left, and right ribs 71, 72, 73, 74 erected respectively on upper, lower, left, and right surfaces of an intake pipe 7, in which an injector 81 is disposed between the upper rib 71 and one of the left rib 73 and the right rib 74. The upper rib, the lower rib, the left rib, and the right rib of the intake pipe increase the rigidity and mechanical strength of the intake pipe against vibrations produced by the vehicle and vibrations produced in the intake pipe, thereby increasing the vibration control capability of the intake pipe, and the injector can be placed out of physical interference with the ribs even with the upper rib 71 being disposed on the intake pipe.

IPC 8 full level

F02M 35/16 (2006.01); **F02M 61/14** (2006.01)

CPC (source: CN EP)

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