

Title (en)

Motor with an improved carburettor unit assembly

Title (de)

Motor mit einer verbesserten Anordnung der Vergasereinheit

Title (fr)

Moteur doté d'un agencement amélioré de l'unité de carburateur

Publication

EP 2312139 A3 20111228 (DE)

Application

EP 10186882 A 20101007

Priority

DE 202009013953 U 20091014

Abstract (en)

[origin: US2011083636A1] In order to create an engine more preferably for a small working machine, for example for garden, forest and landscape work or for an engine-operated tool and the like, with a carburettor unit for mixture provision, which carburettor unit via an inlet pipe is connected with a cylinder of the engine, wherein the cylinder extends along its piston running direction from its crankcase side as far as to its head end, and wherein a holding device is provided which serves for the mechanical holding of at least the carburettor unit and at least comprises an elastic element with an improved arrangement of the carburettor unit and easy removeability of the carburettor, i.e. simple assembly and disassembly, it is proposed that the holding device with the at least one elastic element is provided between the carburettor unit and the cylinder and that the holding device is arranged above the inlet pipe in the direction towards the head end of the cylinder in such a manner that a suspended arrangement of the carburettor unit on the cylinder is formed.

IPC 8 full level

F02B 25/00 (2006.01); **F02B 63/02** (2006.01); **F02M 19/00** (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP US)

F02B 63/02 (2013.01 - EP US); **F02M 35/10078** (2013.01 - EP US); **F02M 35/1017** (2013.01 - EP US); **F02M 35/10196** (2013.01 - EP US); **F02M 35/10295** (2013.01 - EP US); **F02F 7/0068** (2013.01 - EP US)

Citation (search report)

- [XII] FR 877013 A 19421125 - FORGES
- [XII] US 3542095 A 19701124 - FREDERICKSON ROBERT EUGENE, et al
- [I] DE 4413392 C1 19950608 - FREUDENBERG CARL FA [DE]
- [A] US 2002144670 A1 20021010 - OHSAWA HISATO [JP], et al
- [A] DE 4037885 A1 19910606 - KIORITZ CORP [JP]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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