

Title (en)

Structure for supporting the exhaust gas recirculation conduit on the engine

Title (de)

Halterung einer Abgasrückführleitung am Motorgehäuse einer Brennkraftmaschine

Title (fr)

Support pour la fixation sur le moteur du conduit de récirculation des gaz d'échappement

Publication

EP 0857869 B2 20040317 (DE)

Application

EP 97121920 A 19971212

Priority

DE 19701873 A 19970121

Abstract (en)

[origin: DE19701873C1] The exhaust gas recirculation conduit in its extent is held by a support on the internal combustion engine. The support (18) is fixed to a cylinder head hood (4) of the internal combustion engine. The exhaust gas recirculation conduit (1) is connected with an exhaust gas manifold (10) and via a mixture housing (13) with a suction module (15). The exhaust gas recirculation conduit and the support are formed as an assembly (19), formed in turn as a cast part. It has axially running reinforcement ribs (22). Fixture screws (21) are provided for fixing the assembly to the cylinder head hood, and at the same time serve to fix the cylinder head hood to a cylinder head (3) of the engine.

IPC 1-7

F02M 25/07

IPC 8 full level

F02M 25/07 (2006.01); **F02M 26/12** (2016.01); **F02M 26/41** (2016.01)

CPC (source: EP US)

F02M 26/12 (2016.02 - EP US); **F02M 26/41** (2016.02 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19701873 C1 19980604; DE 59705381 D1 20011220; EP 0857869 A1 19980812; EP 0857869 B1 20011114; EP 0857869 B2 20040317; ES 2167669 T3 20020516; US 5988148 A 19991123

DOCDB simple family (application)

DE 19701873 A 19970121; DE 59705381 T 19971212; EP 97121920 A 19971212; ES 97121920 T 19971212; US 902898 A 19980120