

Title (en)

Bearing arrangement for the exhaust manifold of an internal combustion engine.

Title (de)

Lagereinrichtung für die Abgassammelleitung einer Brennkraftmaschine.

Title (fr)

Arrangement de support pour le collecteur d'échappement d'un moteur à combustion interne.

Publication

EP 0585909 B1 19950802 (DE)

Application

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Priority

DE 4229467 A 19920903

Abstract (en)

[origin: EP0585909A1] The invention relates to a bearing for the exhaust manifold (1) of an internal combustion engine on rocker rods (2, 3, 4, 5, 6, 7), of which two rocker rods (3, 4) and in one suitable embodiment preferably three rocker rods (2, 3, 4) act on a first cross-section, and in a further preferred embodiment two further rocker rods (5, 6) act on a second cross-section. In elastic deformation of the exhaust manifold (1) on a further bearing, which is preferably also designed with a rocker rod (7) and acts in the area of the second cross-section, constant bearing forces occur, essentially irrespective of the thermal load and determined by the magnitude of the deformation, which keep the exhaust manifold (1) in a safe seat, free from play, without harmful stresses thereby being introduced. In addition, the position of the exhaust manifold (1) under a certain thermal load can be influenced by a suitable choice of the arrangement and length of the rocker rods (2, 3, 4, 5, 6, 7). <IMAGE>

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