

Title (en)

ENGINE BRAKE IN AN INTERNAL-COMBUSTION ENGINE FOR A MOTOR VEHICLE

Publication

EP 0269605 B1 19901219 (DE)

Application

EP 87890241 A 19871030

Priority

AT 289886 A 19861030

Abstract (en)

[origin: US4836162A] An engine brake in an internal combustion engine for use in motor vehicles, comprising an exhaust valve controlled by a cam via a follower lever, and a device for leaving the exhaust valve slightly open during the combustion stroke. According to the invention the support bearing of the follower lever is designed to be adjustable in the direction of the supporting force P between two extreme positions, i.e. one corresponding to normal operation and the other one to braking, such that on braking the exhaust valve is lifted by 0.3 to 3 mm, preferably 0.5 to 2 mm, during the phase in which the base circle of the cam is in contact with the follower lever.

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IPC 8 full level

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