

Title (en)

Apparatus for variable actuation of a poppet valve in a combustion engine

Title (de)

Vorrichtung zur variablen Betätigung eines Hubventils einer Brennkraftmaschine

Title (fr)

Appareil pour actionnement variable d'une soupape d'un moteur à combustion interne

Publication

EP 1350928 B1 20060927 (DE)

Application

EP 03007234 A 20030401

Priority

DE 10215281 A 20020406

Abstract (en)

[origin: EP1350928A2] The variable operation device has a reciprocally movable linear cam (12) arranged in the drive train between an oscillating actuator (8,9) and the lift valve (3). The linear cam is pivotably linked to a pivoting lever (10) that is pivoted by the actuator and that has a pivot bearing that can be displaced transversely relative to its axis. The lever is mounted on an eccentric shaft (17) that can be rotated to shift the pivot bearing.

IPC 8 full level

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CPC (source: EP)

F01L 1/182 (2013.01); **F01L 1/2405** (2013.01); **F01L 13/0005** (2013.01); **F01L 13/0063** (2013.01); **F01L 2305/00** (2020.05)

Cited by

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