Title (en)
VALVE CONTROL DEVICE

Publication
EP 0285877 B1 19891220 (DE)

Application
EP 88104247 A 19880317

Priority
DE 3712020 A 19870409

Abstract (en)
[origin: US4856474A] A valve control device for a cam-shaft controlled exhaust valve of a cylinder of a motor vehicle internal combustion engine with an exhaust cutoff brake wherein an actuator closes a throttle valve in the exhaust of the cylinder to initiate a braking operation, characterized in that a hydraulic valve clearance compensation element is arranged between the cam-shaft and the exhaust valve whereby an adjusting piston is guided in a cylindrical body and is loaded by a return spring and a control element is provided to retain the adjusting piston relative to cylindrical body during braking in the adjusted position respectively reached at the beginning of the braking operation wherein the control element acts upon the hydraulic valve clearance compensation element during braking operation with a force which exceeds or at least corresponds to the force of the return spring of the hydraulic valve clearance compensation element and counteracts the latter.

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F01L 1/24; F02D 9/06

IPC 8 full level
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CPC (source: EP US)
F01L 1/245 (2013.01 - EP US); **F01L 13/06** (2013.01 - EP US); **F02D 13/04** (2013.01 - EP US); F01L 2013/0094 (2013.01 - EP US)

Cited by
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