



Fully variable rotary valve control for internal combustion engines

Project management: Prof. Dr.-Ing. Udo Becker

Summary: The aim of the project is the development of a future-oriented engine-control system. It should enable the optimisation of the charge cycle and the reduction in engine friction. As part of the project, this engine-control system is to be developed, built and tested on an engine test bench. The aim is to gain an important insight in the field of high-speed actuators, material technology and the area of fully variable valve control.

Funding: State-level funding European Regional Development Fund

Duration: 2017 – 2019

Funding amount: 222.231 €

Organisational unit: Faculty of Automotive Engineering

Research areas Vehicle Construction, Polymers and und Material Science