

Title (en)
VARIABLE VALVE DRIVE

Title (de)
VARIABLER VENTILTRIEB

Title (fr)
MÉCANISME DE DISTRIBUTION VARIABLE

Publication
EP 3564500 B1 20210106 (DE)

Application
EP 19168625 A 20190411

Priority
DE 102018110714 A 20180504

Abstract (en)
[origin: US2019338681A1] The present disclosure relates to a variable valve drive, in particular with a sliding cam system, for an internal combustion engine. The variable valve drive has a shaft and a cam carrier which is arranged rotationally conjointly and axially displaceably on the shaft and which has a first cam and a second cam. The variable valve drive has an actuator device for axially displacing the cam carrier, and has a carrying device which at least partially engages around a lever axle of a force transmission device and carries the actuator device. The variable valve drive can offer the advantage that an arrangement of the actuator device which is expedient in terms of structural space is made possible in the region of the lever axle. At the same time, support of the actuator device by means of the carrying device on the lever axle can stiffen the flexible lever axle by means of the engaging-around configuration.

IPC 8 full level
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F01L 13/0036 (2013.01 - EP US); **F01L 13/06** (2013.01 - US); **F01L 2013/0052** (2013.01 - EP US); **F01L 2820/03** (2013.01 - EP)

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DE 102017114575 A1 20190103 - MAN TRUCK & BUS AG [DE]

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