

Title (en)
VARIABLE VALVE DRIVE

Title (de)
VARIABLER VENTILTRIEB

Title (fr)
COMMANDE DE SOUPAPE VARIABLE

Publication
EP 3564502 B1 20201209 (DE)

Application
EP 19167896 A 20190408

Priority
DE 102018110705 A 20180504

Abstract (en)
[origin: US2019338685A1] The 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 cam carrier which has a first and second cam and a first, second, and third engagement track. A first actuator is designed to engage into the first engagement track in order to displace the cam carrier in a first axial direction. A second actuator is designed to engage into the second engagement track in order to displace the cam carrier in a second axial direction which is opposite to the first axial direction, and to engage into the third engagement track in order to displace the cam carrier in the first axial direction. The variable valve drive can have the advantage that, even in the event of a failure of the first actuator, a displacement of the cam carrier that is normally effected by means of the first actuator is possible by means of the second actuator.

IPC 8 full level
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