

Title (en)

Variable valve drive of an internal combustion engine

Title (de)

Variabler Ventiltrieb einer Brennkraftmaschine

Title (fr)

Commande de soupape variable de moteur à combustion interne

Publication

EP 1662098 A1 20060531 (DE)

Application

EP 05024165 A 20051105

Priority

DE 102004057574 A 20041130

Abstract (en)

The variable valve drive (1) operates a valve (3) moved by a cam (5) and a tappet (13). The volume change of the working cavity (18) of a hydraulic lifting device (19) acts on the tap it. The hydraulic pump (25) has a pressure cavity (22) with the volume (36) that can be reduced by a displaceable wall (27) in the pressure cavity, with expulsion of hydraulic fluid from the pressure cavity into the working cavity.

IPC 8 full level

F01L 13/00 (2006.01); **F01L 1/18** (2006.01); **F01L 1/24** (2006.01); **F01L 9/10** (2021.01); **F01L 13/06** (2006.01)

CPC (source: EP)

F01L 1/185 (2013.01); **F01L 1/2405** (2013.01); **F01L 9/10** (2021.01); **F01L 13/0031** (2013.01); **F01L 13/065** (2013.01)

Citation (applicant)

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- DE 10242866 A1 20030424 - AVL LIST GMBH [AT]

Citation (search report)

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