

Title (en)

Valve lift control for internal combustion engine

Title (de)

Ventilsteuerung zur Einstellung des Hubes von Ventilen in einer Brennkraftmaschine

Title (fr)

Contrôleur de levée de soupapes d'un moteur à combustion interne

Publication

EP 1347154 B1 20080827 (DE)

Application

EP 03005576 A 20030312

Priority

DE 10213081 A 20020320

Abstract (en)

[origin: EP1347154A2] Valve control comprises an adjustable shaft (1) by which a valve shaft of a valve can be shifted via a transfer chain. The adjustable shaft can be rotated about its axis by a hydraulic drive (12). Preferred Features: The hydraulic drive is a rotating drive, preferably having a stator (13) which is able to rotate via a rotor (16, 17) connected to the adjustable shaft. The stator is cylindrical. Two rotors are arranged separately from each other in the stator.

IPC 8 full level

F01L 13/00 (2006.01); **F01L 1/34** (2006.01); **F01L 1/344** (2006.01); **F01L 25/02** (2006.01); **F02D 13/02** (2006.01); **F02D 41/00** (2006.01)

CPC (source: EP US)

F01L 13/0026 (2013.01 - EP US); **F01L 2001/34493** (2013.01 - EP US); **F01L 2305/00** (2020.05 - EP US); **F01L 2800/08** (2013.01 - EP US)

Citation (examination)

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- US 5189998 A 19930302 - HARA SEINOSUKE [JP]
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