

Title (en)

VARIABLE STROKE VALVE DRIVE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

HUBVARIABLER VENTILTRIEB FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

MECANISME DE COMMANDE DE SOUPAPE A LEVEE VARIABLE POUR UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1716318 B1 20070530 (DE)

Application

EP 05700827 A 20050112

Priority

- EP 2005000199 W 20050112
- DE 102004008389 A 20040220

Abstract (en)

[origin: DE102004008389A1] Valve drive (1) comprises a first adjusting device (7) with a cam (11) whose radius increases or decreases over a periphery (11a) with respect to a rotating axle (11b). Preferred Features: An intermediate lever (2) is supported on a connecting strip (3a) via a first roll element (12). The first adjusting device interacts with the intermediate lever via a second roll element (13).

IPC 8 full level

F01L 1/08 (2006.01); **F01L 1/12** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP US)

F01L 13/0026 (2013.01 - EP US); **F01L 13/0063** (2013.01 - EP US); **F01L 1/08** (2013.01 - EP US); **F01L 1/185** (2013.01 - EP US); **F01L 13/0005** (2013.01 - EP US); **F01L 2013/0068** (2013.01 - EP US); **F01L 2303/01** (2020.05 - EP US); **F01L 2305/00** (2020.05 - EP US); **F01L 2800/13** (2013.01 - EP US); **F01L 2810/02** (2013.01 - EP); **F01L 2820/032** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 102004008389 A1 20050908; DE 502005000790 D1 20070712; EP 1716318 A1 20061102; EP 1716318 B1 20070530; ES 2285673 T3 20071116; US 2007012269 A1 20070118; US 7225773 B2 20070605; WO 2005090757 A1 20050929

DOCDB simple family (application)

DE 102004008389 A 20040220; DE 502005000790 T 20050112; EP 05700827 A 20050112; EP 2005000199 W 20050112; ES 05700827 T 20050112; US 50694306 A 20060821