

Title (en)

VALVE DRIVE OF AN INTERNAL COMBUSTION ENGINE COMPRISING A CYLINDER HEAD

Title (de)

VENTILTRIEB EINER EINEN ZYLINDERKOPF AUFWEISENDEN BRENNKRAFTMASCHINE

Title (fr)

COMMANDE DE SOUPAPE D'UN MOTEUR A COMBUSTION INTERNE PRESENTANT UNE CULASSE

Publication

EP 1608849 B1 20061004 (DE)

Application

EP 04721147 A 20040317

Priority

- EP 2004002758 W 20040317
- DE 10312581 A 20030321
- DE 10312582 A 20030321

Abstract (en)

[origin: WO2004083611A1] The invention relates to a valve drive of an internal combustion engine, comprising at least one camshaft whereon at least one cam carrier is arranged in a rotationally fixed and axially displaceable manner. Means for applying axial tension are formed between the at least one camshaft and the at least one cam support, thereby enabling the at least one cam support to be fixed in an axial manner.

IPC 8 full level

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

CPC (source: EP US)

F01L 1/08 (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F01L 13/0042** (2013.01 - EP US); **F01L 2013/0052** (2013.01 - EP US)

Cited by

DE102009014517B4; DE102012006820B4; DE102008019242B4; DE102009005731B4; DE102007027979A1; DE102010055056B4; DE102014007189B4; DE102009006632B4; DE102009048621B4; DE102007016209B4; DE102007027979B4; DE102010055056A1; DE102014007189A1; DE102010033493A1; WO2008107111A1; DE102009014517A1; DE102011018503A1; WO2012146361A1; DE102012006820A1; DE102008019242A1; DE102007061353A1; DE102007016209A1; DE102009048621A1; DE102010004579A1; DE102009005731A1; DE102009022657A1; DE102007010149A1; DE102007010148A1; US8365692B2; DE102007010150A1; DE102009006632A1; DE102010004591A1; DE102010004591B4

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

WO 2004083611 A1 20040930; DE 102004011586 A1 20041007; DE 502004001677 D1 20061116; EP 1608849 A1 20051228; EP 1608849 B1 20061004; ES 2274435 T3 20070516; JP 2006520869 A 20060914; JP 4330618 B2 20090916; US 2007034184 A1 20070215; US 7409938 B2 20080812

DOCDB simple family (application)

EP 2004002758 W 20040317; DE 102004011586 A 20040310; DE 502004001677 T 20040317; EP 04721147 A 20040317; ES 04721147 T 20040317; JP 2006504711 A 20040317; US 54961204 A 20040317