

Title (en)

ADJUSTMENT DEVICE FOR A VARIABLE COMPRESSION RATIO ENGINE

Title (de)

EINSTELLVORRICHTUNG FÜR EINEN MOTOR MIT VERÄNDERLICHEM VERDICHTUNGSVERHÄLTNIS

Title (fr)

DISPOSITIF DE REGLAGE POUR MOTEUR A RAPPORT VOLUMETRIQUE VARIABLE

Publication

**EP 1740810 A1 20070110 (FR)**

Application

**EP 05736556 A 20050311**

Priority

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- US 62418504 P 20041103

Abstract (en)

[origin: FR2867515A1] The device has a shim to adjust the distance between an internal combustion engine block (100) and a support (41), to adjust the position of a transmission device, and to regulate oil clearance of the transmission device. A control device (12) has an actuating cylinder (8) with a cylinder piston rod (13) having a spherical section. A ball and socket joint is provided between a control rod (7) and the engine block.

IPC 8 full level

**F02D 15/02** (2006.01); **F01B 9/02** (2006.01); **F02B 75/04** (2006.01); **F02B 75/32** (2006.01); **F02D 15/04** (2006.01); **F01B 9/04** (2006.01)

CPC (source: EP KR US)

**F01B 9/02** (2013.01 - EP KR US); **F02B 75/04** (2013.01 - KR); **F02B 75/32** (2013.01 - EP KR US); **F02D 15/02** (2013.01 - EP KR US); **F02D 15/04** (2013.01 - EP US); **F01B 9/047** (2013.01 - EP US); **F02B 75/04** (2013.01 - EP US)

Cited by

CN102400794A; WO2017203127A1; WO2016058724A1; US10202899B2; US10787960B2; US11512628B2

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**US 2008017023 A1 20080124; US 7562642 B2 20090721**; AT E431497 T1 20090515; AU 2005230535 A1 20051020; AU 2005230535 B2 20100923; CA 2558354 A1 20051020; CA 2558354 C 20120925; CN 100458124 C 20090204; CN 1950596 A 20070418; DE 602005014464 D1 20090625; EP 1740810 A1 20070110; EP 1740810 B1 20090513; ES 2326748 T3 20091019; FR 2867515 A1 20050916; FR 2867515 B1 20060602; JP 2007538187 A 20071227; JP 4601663 B2 20101222; KR 101157279 B1 20120615; KR 20060130243 A 20061218; WO 2005098219 A1 20051020

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