

Title (en)

Control mechanism for cam phaser

Title (de)

Steuermechanismus eines Nockenwellenverstellers

Title (fr)

Dispositif de commande pour un déphaseur d'arbre à cames

Publication

EP 1522684 A2 20050413 (EN)

Application

EP 04256257 A 20041008

Priority

US 51037303 P 20031010

Abstract (en)

A VCT phaser (10) having a mechanical feedback in which no elaborate sensors and its concomitant electronic control loop is required. The phaser (10) has centerly mounted spool valve (20) controlling the flow of control fluid such that when a command positions the same at a predetermined position, passages (86,88) within the phaser (10) adjusts to a desired position through the mechanical feedback.

IPC 1-7

F01L 1/344

IPC 8 full level

F01L 1/34 (2006.01); **F01L 1/344** (2006.01)

CPC (source: EP US)

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Cited by

EP1598528A3; US10731520B2; US10619524B2; US10844755B2

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