

Title (en)

ROBUST SERVO/HYDRAULIC CONTROL SYSTEM AND METHOD

Title (de)

ROBUSTES SERVOHYDRAULISCHES REGELSYSTEM UND VERFAHREN

Title (fr)

SYSTEME ET PROCEDE ROBUSTES DE SERVOCOMMANDE HYDRAULIQUE

Publication

EP 1290350 A1 20030312 (EN)

Application

EP 00970891 A 20001013

Priority

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Abstract (en)

[origin: WO0127478A1] A servo control for a cam phaser (10) includes a pulse width modulated controller (20) that operates a four way solenoid valve (18). The cam phaser piston (12) or vane(s) are positioned with a computer program stored in the controller (20). The program establishes a deadband to exclude noise. It compensates for variations in oil temperature and voltage.

IPC 1-7

F15B 9/09; **F01L 1/34**

IPC 8 full level

F01L 1/34 (2006.01); **F15B 9/09** (2006.01)

CPC (source: EP)

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Citation (search report)

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