

Title (en)

Locking mechanism for a camshaft phaser

Title (de)

Verriegelungsmechanismus für einen Nockenwellenversteller

Title (fr)

Mécanisme de blocage pour déphaseur d'arbre à cames

Publication

EP 2006499 A2 20081224 (EN)

Application

EP 07252293 A 20070607

Priority

EP 07252293 A 20070607

Abstract (en)

A locking means for a variable cam phaser (1) comprises a locking pin to maintain a relative angular orientation between a drive (2) and driven (3) members; biasing means (14) being provided for biasing said locking pin (10) to its locked position; a portion of the locking pin (10) being exposed to a chamber (22), said chamber (22) being selectively communicable with a source of pressurised fluid whereby pressurisation of said chamber (22) with high pressure fluid urges the locking pin (11) to its unlocked position; actuating means being provided for selectively placing said chamber (22) in fluid communication with said source of pressurised fluid.

IPC 8 full level

F01L 1/344 (2006.01)

CPC (source: EP)

F01L 1/3442 (2013.01)

Cited by

EP2224105A1; US8281756B2; US11230950B1; US11454142B2

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Designated extension state (EPC)

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DOCDB simple family (publication)

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