

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 A3 20081231 (EN)

Application

EP 07252293 A 20070607

Priority

EP 07252293 A 20070607

Abstract (en)

[origin: EP2006499A2] 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)

Citation (search report)

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- [XA] US 2005252561 A1 20051117 - STRAUSS ANDREAS [DE], et al
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- [XA] EP 1531240 A1 20050518 - BORGLANDER INC [US]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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