

Title (en)

CAM SHAFT ADJUSTER AND METHOD FOR ADJUSTING THE ANGLE-OF-ROTATION POSITION OF A CAM SHAFT RELATIVE TO A CRANKSHAFT

Title (de)

NOCKENWELLENVERSTELLER UND VERFAHREN ZUR VERSTELLUNG DER DREHWINKELLAGE EINER NOCKENWELLE RELATIV ZU EINER KURBELWELLE

Title (fr)

DISPOSITIF DE RÉGLAGE D'UN ARBRE À CAMES ET PROCÉDÉ DE RÉGLAGE DE LA POSITION ANGULAIRE D'UN ARBRE À CAMES PAR RAPPORT À UN VILEBREQUIN

Publication

EP 2414644 B1 20150513 (DE)

Application

EP 10709492 A 20100316

Priority

- EP 2010053343 W 20100316
- DE 102009015882 A 20090401

Abstract (en)

[origin: WO2010112329A1] The invention relates to a cam shaft adjuster (1) for adjusting the angle-of-rotation positions of a cam shaft relative to a crankshaft, having at least two operating chambers (41) to which pressure oil can be supplied to change the angle-of-rotation position, wherein at least one of the operating chambers (41) can be deactivated depending on an operating parameter by blocking the pressure oil supply.

IPC 8 full level

F01L 1/344 (2006.01)

CPC (source: EP US)

F01L 1/3442 (2013.01 - EP US); **F01L 2001/34483** (2013.01 - EP US)

Cited by

DE102021101306A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 102009015882 A1 20101007; EP 2414644 A1 20120208; EP 2414644 B1 20150513; US 2012085304 A1 20120412; US 9004024 B2 20150414; WO 2010112329 A1 20101007

DOCDB simple family (application)

DE 102009015882 A 20090401; EP 10709492 A 20100316; EP 2010053343 W 20100316; US 201013259584 A 20100316