

Title (en)

System with intake camshaft, exhaust camshaft and a cam phaser and use of this system

Title (de)

System mit einer Einlaßnockenwelle, einer Auslaßnockenwelle und einem Nockenwellenversteller und Verwendung eines derartigen Systems

Title (fr)

Système comprenant un arbre à cames d'admission, un arbre à cames d'échappement et un variateur de phase, et utilisation de ce système

Publication

EP 1783331 A1 20070509 (DE)

Application

EP 05110407 A 20051107

Priority

EP 05110407 A 20051107

Abstract (en)

System (1) has inlet cam shaft and outlet cam shaft (3) whereby camshaft adjuster of first camshaft is fixed together with first gear wheel by means of a first fixing means to end of the first camshaft. The second gear wheel (5) of second camshaft (3c) is fixed by means of second fixing means (8) to end (3a) of second camshaft. The second gear wheel is designed in such a manner that in the mounted condition the first fixing means and second fixing means are arranged towards camshaft longitudinal axle (3b) at same heights.

IPC 8 full level

F01L 1/02 (2006.01); **F01L 1/344** (2006.01); **F16H 7/20** (2006.01)

CPC (source: EP US)

F01L 1/02 (2013.01 - EP US); **F01L 1/022** (2013.01 - EP US); **F01L 1/024** (2013.01 - EP US); **F01L 1/344** (2013.01 - EP US);
F01L 1/3442 (2013.01 - EP US); **F01L 2001/0537** (2013.01 - EP US); **F01L 2001/34483** (2013.01 - EP US)

Citation (search report)

- [A] EP 0945598 A2 19990929 - YAMAHA MOTOR CO LTD [JP]
- [A] EP 1201885 A1 20020502 - HONDA MOTOR CO LTD [JP]
- [A] EP 1447527 A1 20040818 - MAZDA MOTOR [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 03 29 March 1996 (1996-03-29)

Cited by

WO2011134751A1

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1783331 A1 20070509; EP 1783331 B1 20080618; DE 502005004470 D1 20080731; US 2007101960 A1 20070510;
US 7603974 B2 20091020

DOCDB simple family (application)

EP 05110407 A 20051107; DE 502005004470 T 20051107; US 42798106 A 20060630