

Title (en)

POSITIONING DEVICE FOR A CAMSHAFT

Title (de)

WINKELEINSTELLUNGSVORRICHTUNG FÜR EINE NOCKENWELLE

Title (fr)

DISPOSITIF DE POSITIONNEMENT D'UN ARBRE À CAMES

Publication

EP 3152415 A1 20170412 (FR)

Application

EP 15732781 A 20150520

Priority

- FR 1455180 A 20140606
- FR 2015051327 W 20150520

Abstract (en)

[origin: WO2015185820A1] The invention relates to a device (1) for angular positioning of a camshaft relative to a cylinder head of an internal combustion engine, said device (1) comprising a shim (5) having a jumper (6) comprising a body (7) and two parallel legs (8) which project from the body (7) and are capable of coming into contact with at least one flattened section made on the camshaft such that the shim (5) straddles the camshaft, the shim (5) also comprising an arm (10) projecting from the body (7), opposite the legs (8), said arm having an outer surface (11) and an inner surface, opposite one another, the device (1) also comprising an angular sensor (13) capable of being mounted on the inner surface or the outer surface (11).

IPC 8 full level

F01L 1/053 (2006.01)

CPC (source: CN EP)

F01L 1/053 (2013.01 - CN EP); **F01L 2001/0537** (2013.01 - EP); **F01L 2303/01** (2020.05 - CN EP); **F01L 2303/02** (2020.05 - CN EP)

Citation (search report)

See references of WO 2015185820A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015185820 A1 20151210; CN 106661966 A 20170510; CN 106661966 B 20190319; EP 3152415 A1 20170412; EP 3152415 B1 20180704;
FR 3021995 A1 20151211; FR 3021995 B1 20160701

DOCDB simple family (application)

FR 2015051327 W 20150520; CN 201580030199 A 20150520; EP 15732781 A 20150520; FR 1455180 A 20140606