

Title (en)

Camshaft phasing device for an internal combustion engine of a vehicle and corresponding centre tool

Title (de)

Einrichtung zur Verstellung einer Nockenwelle einer Brennkraftmaschine eines Kraftfahrzeuges und Zentrierwerkzeug dazu

Title (fr)

Déphaseur d'arbre à cames pour moteur à combustion interne de véhicule et outil de centrage correspondant

Publication

EP 1443185 B1 20070314 (DE)

Application

EP 04001789 A 20040128

Priority

DE 10303991 A 20030201

Abstract (en)

[origin: EP1443185A1] The device for the adjustment of a camshaft in an internal combustion engine comprises a rotor (4) rotatable relative to a stator (1) and connected to the camshaft, and at least one drive pinion connected to the rotor. The drive pinion is centered through the camshaft (5), whereby the camshaft has a collar (19) upon which sits the drive pinion. The camshaft protrudes into a recess (23) in the end face (21) of the rotor, and the collar on the camshaft lies axially against the end face of the rotor.

IPC 8 full level

F01L 1/344 (2006.01); **F01L 1/053** (2006.01); **F01L 1/26** (2006.01)

CPC (source: EP US)

F01L 1/022 (2013.01 - EP US); **F01L 1/053** (2013.01 - EP US); **F01L 1/26** (2013.01 - EP US); **F01L 1/3442** (2013.01 - EP US); **F01L 1/024** (2013.01 - EP US); **F01L 1/026** (2013.01 - EP US); **F01L 2301/00** (2020.05 - EP US); **F01L 2303/00** (2020.05 - EP US); **F01L 2303/01** (2020.05 - EP US); **Y10T 29/49293** (2015.01 - EP US); **Y10T 74/2101** (2015.01 - EP US); **Y10T 74/2102** (2015.01 - EP US)

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DOCDB simple family (publication)

EP 1443185 A1 20040804; **EP 1443185 B1 20070314**; **EP 1443185 B9 20071003**; AT E356923 T1 20070415; DE 10303991 A1 20040805; DE 502004003189 D1 20070426; US 2005011481 A1 20050120; US 7117832 B2 20061010

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