

Title (en)

Device for changing the angular position of a camshaft

Title (de)

Vorrichtung zur relativen Drehwinkeländerung einer Nockenwelle

Title (fr)

Dispositif pour changer la position angulaire d'un arbre à cames

Publication

EP 1277922 A3 20030820 (DE)

Application

EP 02013367 A 20020619

Priority

DE 10135146 A 20010719

Abstract (en)

[origin: EP1277922A2] The mechanism to alter the relative rotary angle of a camshaft (5,6), at an internal combustion motor, has a cellular wheel and a vane wheel (14) within it with relative movement. It is operated by pressure chambers using a hydraulic oil. The oil is fed through axial channels into the pressure chambers which, on one side, are between a shaft with a mounting bolt axially from an end side of the camshaft and a control sleeve around the shaft in at least one holder drilling. On the other side they are between the control sleeve and a hub which is coaxial to the drilling. The control sleeve and the stem of the mounting bolt are inserted from the same end side (12).

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IPC 1-7

F01L 1/344; **F01L 1/46**

IPC 8 full level

F01L 1/34 (2006.01); **F01L 1/344** (2006.01)

CPC (source: EP US)

F01L 1/3442 (2013.01 - EP US); **F01L 2001/34469** (2013.01 - EP US); **F01L 2001/34496** (2013.01 - EP US); **F01L 2301/00** (2020.05 - EP US)

Citation (search report)

- [YA] US 5794578 A 19980818 - STRAUSS ANDREAS [DE], et al
- [Y] DE 19745908 A1 19990422 - SCHAEFFLER WAEHLZLAGER OHG [DE]
- [A] DE 19808618 A1 19990902 - SCHAEFFLER WAEHLZLAGER OHG [DE]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1277922 A2 20030122; **EP 1277922 A3 20030820**; DE 10135146 A1 20030130; JP 2003049618 A 20030221; US 2003015157 A1 20030123; US 6722327 B2 20040420

DOCDB simple family (application)

EP 02013367 A 20020619; DE 10135146 A 20010719; JP 2002206540 A 20020716; US 19747702 A 20020718