

Title (en)

Camshaft phasing device for vehicle engine

Title (de)

Nockenwellenverstelleinrichtung für Brennkraftmaschinen von Kraftfahrzeugen

Title (fr)

Déphaseur d'arbre à cames pour moteur de véhicule

Publication

EP 1568855 A3 20060412 (DE)

Application

EP 05004274 A 20050228

Priority

- DE 102004010829 A 20040227
- DE 102005007942 A 20050222

Abstract (en)

[origin: EP1568855A2] The cam shaft adjustment device has a stator and a rotor which is placed relative to each other and are rotatable. The stator has wings with their faces sealing against a surface of the rotor. The wings of the rotor have, within the range of its faces (9) its largest width, and that the sides (12, 13) a part of their length being concave. The concave curved part of the sides are curved over an outward running section (18, 19) into the face of the wings.

IPC 8 full level

F01L 1/344 (2006.01)

CPC (source: EP)

F01L 1/3442 (2013.01); **F01L 2001/34436** (2013.01)

Citation (search report)

- [XY] EP 1387047 A2 20040204 - HYDRAULIK RING GMBH [DE]
- [Y] DE 19959187 A1 20010613 - SCHAEFFLER WAEHLZLAGER OHG [DE]
- [A] US 6311656 B1 20011106 - WATANABE MASAHICO [JP]
- [A] DE 10020120 A1 20011025 - SCHAEFFLER WAEHLZLAGER OHG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14 31 December 1998 (1998-12-31)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1568855 A2 20050831; EP 1568855 A3 20060412; EP 1568855 B1 20070307; AT E356280 T1 20070315; DE 502005000430 D1 20070419

DOCDB simple family (application)

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