

Title (en)

Camshaft phasing device for vehicles

Title (de)

Verstelleinrichtung für Nockenwellen von Kraftfahrzeugen

Title (fr)

Déphaseur d'arbre à cames pour véhicules

Publication

EP 1500795 A3 20050803 (DE)

Application

EP 04016517 A 20040714

Priority

DE 10335423 A 20030725

Abstract (en)

[origin: EP1500795A2] The device has a stator with inward pointing vanes (8) and a rotor seated on the camshaft to rotate with it with outward pointing vanes (2) protruding between the adjacent stator vanes. At least one of the rotor vanes and/or at least one the stator vanes has at least one raised part (19) on at least one side wall (14-17) that can be flexibly deformed in the stop position of the vane.

IPC 1-7

F01L 1/344

IPC 8 full level

F01L 1/344 (2006.01)

CPC (source: EP)

F01L 1/3442 (2013.01)

Citation (search report)

- [A] US 5947067 A 19990907 - KAWAHARAGUCHI YOSHIO [JP], et al
- [A] EP 0807747 A1 19971119 - AISIN SEIKI [JP]
- [A] US 2002029651 A1 20020314 - SLUKA GEROLD [DE], et al

Cited by

EP2058478A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1500795 A2 20050126; EP 1500795 A3 20050803; DE 10335423 A1 20050224

DOCDB simple family (application)

EP 04016517 A 20040714; DE 10335423 A 20030725