

Title (en)
Camshaft phasing device for vehicle

Title (de)
Nockenwellenversteller für Fahrzeuge

Title (fr)
Dispositif déphaseur d'arbre à cames pour véhicule

Publication
EP 1471215 A3 20050810 (DE)

Application
EP 04009353 A 20040420

Priority
DE 10320639 A 20030422

Abstract (en)
[origin: EP1471215A2] The camshaft (6) has a pentagonal end (20) with gently curved sides and sharply-curved corners fitting into a matching aperture (22) in the rotor (3). Five projections extend from the basic part (7) surrounding the end of the camshaft and their ends (9) contact inner surface (10) of the rim (4) of the stator (2). Working chambers (13-15), filled with oil, are defined between the projections on the rotor and inward projections (5) on the stator. There are grooves (18,19) at the roots of the inward projections.

IPC 1-7
F01L 1/344; **F01L 1/047**; **F01L 1/46**

IPC 8 full level
F01L 1/047 (2006.01); **F01L 1/344** (2006.01); **F01L 1/46** (2006.01)

CPC (source: EP US)
F01L 1/047 (2013.01 - EP US); **F01L 1/3442** (2013.01 - EP US); **F01L 1/46** (2013.01 - EP US); **F01L 2001/0475** (2013.01 - EP US); **F01L 2001/34436** (2013.01 - EP US); **F01L 2810/02** (2013.01 - EP US)

Citation (search report)

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