

Title (en)
ASSEMBLY COMPRISING A CAMSHAFT PHASING DEVICE

Title (de)
BAUSATZ MIT EINEM NOCKENWELLENVERSTELLER

Title (fr)
ENSEMBLE COMPRENANT UN DÉPHASEUR D'ARBRE À CAMES

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Application
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Abstract (en)
[origin: WO2019063315A1] The invention relates to a kit (1), comprising a camshaft phaser (2), in which a central valve (3) is provided, which distributes a pressure fluid, and comprising an actuator (4), which controls the central valve (3). The camshaft phaser (2) is or can be driven by means of a dry-running traction mechanism drive and has a rotor (6) rotatably mounted in a stator (5). A pressure fluid distribution chamber (7) is provided between the camshaft phaser (2) and the actuator (4), which pressure fluid distribution chamber can be filled with pressure fluid via the central valve (3) and is connected to an armature chamber (8) of the actuator (4) and is sealed off from the environment. The actuator (4) comprises at least one armature (16) movable by means of a coil (18), one pole core (27) and one pole tube (28) as a pole tube assembly (17). According to the invention, the pressure fluid distribution chamber (7) is sealed by means of an integral bond and/or frictional and interlocking connection of the actuator or of one or more actuator components to the central valve.

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