

Title (en)

ROTOR FOR A CAMSHAFT ADJUSTER, PARTS SET FOR PRODUCING A ROTOR FOR A CAMSHAFT ADJUSTER AND METHOD FOR PRODUCING A JOINED COMPONENT, PREFERABLY A ROTOR FOR A CAMSHAFT ADJUSTER

Title (de)

ROTOR FÜR EINEN NOCKENWELLENVERSTELLER, TEILESET ZUR HERSTELLUNG EINES ROTORS FÜR EINEN NOCKENWELLENVERSTELLER SOWIE VERFAHREN ZUR HERSTELLUNG EINES GEFÜGTEN BAUTEILS, BEVORZUGT EINES ROTORS FÜR EINEN NOCKENWELLENVERSTELLER

Title (fr)

ROTOR POUR DISPOSITIF DE RÉGLAGE D'ARBRE À CAMES, ENSEMBLE DE PIÈCES PERMETTANT DE PRODUIRE UN ROTOR POUR UN DISPOSITIF DE RÉGLAGE D'ARBRE À CAMES ET PROCÉDÉ PERMETTANT DE PRODUIRE UN ÉLÉMENT STRUCTURAL ASSEMBLÉ, DE PRÉFÉRENCE UN ROTOR POUR UN DISPOSITIF DE RÉGLAGE D'ARBRE À CAMES

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Application

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Abstract (en)

[origin: WO2015039745A2] The invention relates to a rotor (1) for a camshaft adjuster for rotation about a rotation axis. The rotor has an inner sheath (3) and an outer sheath (4) and at least one control vane (5), pointing at least substantially radially away from the rotation axis, having a first control vane side (5) and a second control vane side. The rotor furthermore has a first liquid channel system (6) and a second liquid channel system, wherein the first liquid channel system opens in a first liquid channel opening (8) and the second liquid channel system opens in a second liquid channel opening (10). The rotor (1) comprises: a first sintered joining part (12), a second sintered joining part (13) which is joined to the first sintered joining part (12) and an insert part (14) which is inserted in an intermediate chamber which is formed by at least one of a first recess of the first sintered joining part (12) and a second recess of the second sintered joining part (13). The invention further relates to a parts set and to a method for producing a joined component.

IPC 8 full level

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