

Title (en)
CAMSHAFT UNIT

Title (de)
NOCKENWELLENEINHEIT

Title (fr)
UNITÉ D'ARBRE À CAMES

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Application
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Abstract (en)
[origin: WO2010000390A1] The invention relates to a camshaft unit, particularly of an internal combustion engine, comprising a cam shaft (11) that can be driven via a drive unit (10), a phase displacement unit (12) which has an actuating gear (13) and a control unit (14) with a stator element (15) and a rotor element (16) and is provided for setting a phase relation between the drive unit (10) and the cam shaft (11), and further comprising a bearing device (17), which is provided for supporting part of the control unit (14). According to the invention, the bearing device (17) is provided in order to compensate for radial tolerances between the stator element (15) and the rotor element (16).

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Citation (search report)
See references of WO 2010000390A1

Citation (examination)
WO 03102381 A1 20031211 - DAIMLER CHRYSLER AG [DE], et al

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