

Title (en)

ELECTROMAGNETIC CAMSHAFT ADJUSTING DEVICE

Title (de)

ELEKTROMAGNETISCHE NOCKENWELLEN-VERSTELLVORRICHTUNG

Title (fr)

DISPOSITIF ÉLECTROMAGNÉTIQUE DE RÉGLAGE D'UN ARBRE À CAMES

Publication

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Application

EP 10716280 A 20100324

Priority

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Abstract (en)

[origin: WO2010112162A1] The invention relates to an electromagnetic camshaft adjusting device having an armature unit (50, 52), which can be moved relative to a yoke and core unit (54, 56) by energizing a stationary coil unit (46, 48) and which is designed to carry out an axial actuating movement and to exert a correspondingly axially directed actuating force on a rotating internal combustion engine camshaft by means of a slider unit (62) interacting with the armature unit. According to the invention, the yoke and core unit is mounted such that it can rotate relative to the coil unit and provides a receptacle for the armature unit (50, 52) that is guided such that it can move axially in the yoke and core unit and has the slider unit (62) firmly seated thereon.

IPC 8 full level

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Cited by

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