Title (en)

METHOD FOR ADJUSTING A CRANKSHAFT OF AN INTERNAL COMBUSTION ENGINE, CAMSHAFT ADJUSTMENT SYSTEM, AND INTERNAL COMBUSTION ENGINE HAVING AN ADJUSTABLE CRANKSHAFT

Title (de)

VERFAHREN ZUR VERSTELLUNG EINER KURBELWELLE EINES VERBRENNUNGSMOTORS, NOCKENWELLENVERSTELLSYSTEM UND VERBRENNUNGSMOTOR MIT VERSTELLBARER KURBELWELLE

Title (fr)

PROCÉDÉ POUR LE CALAGE D'UN VILEBREQUIN D'UN MOTEUR À COMBUSTION INTERNE, SYSTÈME DE DÉPHASAGE D'ARBRE À CAMES ET MOTEUR À COMBUSTION INTERNE À VILEBREQUIN CALABLE

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Application

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Abstract (en)

[origin: WO2010020509A1] The invention relates to a method for adjusting a crankshaft (03) of an internal combustion engine comprising a camshaft adjuster having a triple-shaft gear mechanism, comprising a setting shaft, a camshaft sprocket (01), and a camshaft, wherein the camshaft sprocket (01) is drivably connected to the crankshaft (03), characterized in that during the motor standstill or in a transition phase, in which at least one of the three shafts of the triple-shaft gear mechanism stands still, a driving of the setting shaft occurs. The invention also relates to a camshaft adjustment system comprising a triple-shaft gear mechanism, which comprises a control device that adjusts the crankshaft during the motor standstill or in a transition phase.

IPC 8 full level

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