

Title (en)
CAMSHAFT PHASER

Title (de)
NOCKENWELLENVERSTELLER

Title (fr)
DÉPHASEUR D'ARBRE À CAMES

Publication
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Application
EP 16770885 A 20160907

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Abstract (en)
[origin: WO2017041801A1] An actuating device (1), in particular of an electric camshaft adjuster, has a housing (2) and a drive wheel (3) which is connected to the latter. Furthermore, the actuating device (1) has an actuating gear mechanism (4), in particular a three-shaft gear mechanism, for example a harmonic drive, and an output element (10) which is provided for connecting to a shaft to be driven, in particular a camshaft, which output element (10) is mounted with a plain bearing in the housing (2). As viewed in the axial direction of the shaft to be driven, the corresponding plain bearing (8) is arranged between the actuating gear mechanism (4) and the drive wheel (3), wherein the plain bearing (8) is adjacent to a flange (9) which adjoins the output element (10) on the end side, is connected fixedly to the latter so as to rotate with it, and protrudes beyond it in the radial direction.

IPC 8 full level
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CPC (source: EP)
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