

Title (en)

ELECTROMAGNETIC ADJUSTMENT DEVICE, IN PARTICULAR FOR CAMSHAFT ADJUSTMENT

Title (de)

ELEKTROMAGNETISCHE VERSTELLVORRICHTUNG, INSBESONDERE ZUR NOCKENWELLENVERSTELLUNG

Title (fr)

DISPOSITIF DE RÉGLAGE ÉLECTROMAGNÉTIQUE DESTINÉ NOTAMMENT AU DÉPHASAGE D'ARBRE À CAMES

Publication

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Application

EP 17754366 A 20170821

Priority

- DE 102016116981 A 20160909
- EP 2017071014 W 20170821

Abstract (en)

[origin: WO2018046287A1] The invention relates to an electromagnetic adjustment device, in particular for camshaft adjustment (1), comprising a plug housing (10) made of insulating potting material, in which a stationary coil unit (20) and a sensor unit (30) are positioned in a moulded state, each having connections (34, 25, 26, 27; 30, 31, 32) and these being electrically connected to contact pins (61-66) protruding from the plug housing (10) via electrical lines (41-46), as well as comprising an actuation unit (80) in which at least one axially moveable armature (91, 92) is located, which can be moved axially when the coil unit (20) is supplied with current, in order, for example, to cooperate with at least one tappet (100, 101) of a camshaft adjustment device (1) of a motor vehicle, wherein the connections (24, 25, 26, 27; 30, 31, 32) and the electrical lines (41-46) of the coil unit (20) and the sensor unit (30) to the contact pins (61-66) are embedded into the potting material of the plug housing (10).

IPC 8 full level

H01F 7/128 (2006.01); **F01L 1/047** (2006.01)

CPC (source: EP US)

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Citation (examination)

- US 6374814 B1 20020423 - COOK JOHN EDWARD [CA], et al
- DE 202009006940 U1 20100902 - ETO MAGNETIC GMBH [DE]

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