

Title (en)  
ELECTROMAGNETIC CONTROL DEVICE, IN PARTICULAR FOR ADJUSTING CAMSHAFTS OF AN INTERNAL COMBUSTION ENGINE

Title (de)  
ELEKTROMAGNETISCHE STELLVORRICHTUNG INSBESONDERE ZUM VERSTELLEN VON NOCKENWELLEN EINES  
VERBRENNUNGSMOTORS

Title (fr)  
DISPOSITIF DE RÉGLAGE ÉLECTROMAGNÉTIQUE, EN PARTICULIER POUR FAIRE VARIER LE CALAGE D'ARBRES À CAMES D'UN  
MOTEUR À COMBUSTION INTERNE

Publication  
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Application  
**EP 18714250 A 20180329**

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Abstract (en)  
[origin: WO2018184975A1] The present invention relates to an electromagnetic control device, in particular for adjusting camshafts or a camshaft section of an internal combustion engine, comprising an energisable coil unit (44), by means of which an armature (12) mounted for movement along a longitudinal axis (L) can be moved relative to a pole core between a retracted position and an extended position; a tappet (26), which is mounted for movement along the longitudinal axis (L) with a free end portion (28) with which, in the extended position, the tappet (26) interacts with a camshaft in order to adjust the camshaft, and with an inner end portion (30), with which the tappet (26) is attached to the armature (12), wherein the tappet (26) is attached in a form-fitting manner to the armature (12) by means of a deformable connection element. The invention also relates to a method for the form-fitting attachment of a tappet (26) to an armature (12) of an electromagnetic control device (42) of this kind.

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