

Title (en)

ELECTROMAGNETIC ACTUATING DEVICE WITH ADAPTABLE PLUNGER ARRANGEMENT

Title (de)

ELEKTROMAGNETISCHE STELLVORRICHTUNG MIT ADAPTIERBARER STÖSSELANORDNUNG

Title (fr)

DISPOSITIF DE RÉGLAGE ÉLECTROMAGNÉTIQUE POURVU D'UN ENSEMBLE POUSSOIR ADAPTABLE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020182390A1] The invention relates to an electromagnetic actuating device (20) having at least two actuator units (1a, 1b) which are arranged adjacently in a housing (10) and which each have electrically energizable static coil means (2a, 2b), armature means (3a, 3b) mounted so as to be movable relative to said coil means, and a plunger (4a, 4b) which interacts with the armature means (3a, 3b) and which is mounted so as to be movable along an axial plunger direction (S1, S2) and which has a free end portion (5a, 5b) for engagement into an actuation partner, in particular a guide groove of a camshaft, wherein the plungers (4a, 4b) of the actuator units (1a, 1b) of the actuating device (20) are preferably arranged such that the plunger directions (S1, S2) thereof run parallel to one another, and wherein the device (20) has adjustment means (6) which are integrated in the housing (10) and which serve for varying the arrangement of at least one plunger along a plane (E) perpendicular to the respective plunger direction (S1, S2).

IPC 8 full level

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Citation (examination)

- DE 102016100417 B4 20201112 - DENSO CORP [JP]
- WO 2017179100 A1 20171019 - MITSUBISHI ELECTRIC CORP [JP]

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