

Title (en)
ELECTROMAGNETIC ACTUATING DEVICE

Title (de)
ELEKTROMAGNETISCHE STELLVORRICHTUNG

Title (fr)
DISPOSITIF DE RÉGLAGE ÉLECTROMAGNÉTIQUE

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Application
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Abstract (en)
[origin: WO2008155119A1] The invention relates to an electromagnetic actuating device comprising a plurality of electromagnetic actuation units (10, 12, 14), which can be selectively controlled for exerting an actuating force on a corresponding plurality of elongated tappet units (22, 24, 26) that are supported axially parallel, wherein the actuation units are provided in a common housing (18, 20; 78, 82) along the actuating direction axially parallel to each other, and form a contact surface that is at least planar in some sections and can be axially moved in the actuating direction at each associated engagement end facing the tappet units. A face (34, 36, 38) on the engagement side of each of the tappet units interacts with the engagement surface (28, 30, 32), wherein at least one of the plurality of tappet units sits eccentrically and/or with only a partial surface, with the face thereof on the engagement side, on the engagement surface of the associated actuation unit, particularly adheres to it magnetically.

IPC 8 full level
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Cited by
DE102017121723A1; DE102014109619A1; DE102015103169A1; DE102017119001A1; WO2019038053A1; EP3067524A1; DE102015103761A1; DE102014109634A1; DE102017107403A1; WO2018184975A1; DE102016116777A1; DE102016116776A1; WO2018046298A1; WO2018046314A1; US11220935B2

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