

Title (en)

MASTER OR SLAVE CYLINDER AND DISPLACEMENT MEASURING DEVICE

Title (de)

GEBER- ODER NEHMERZYLINDER UND WEGMESSEINRICHTUNG

Title (fr)

MAÎTRE-CYLINDRE OU CYLINDRE RÉCEPTEUR ET DISPOSITIF DE MESURE DE COURSE

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Application

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Abstract (en)

[origin: WO2013037342A1] The invention relates to a master or slave cylinder (100) of a hydraulic actuating device, in particular for a friction clutch of a motor vehicle, comprising a housing (102) that has a hollow-cylindrical inner chamber (104) comprising a first inner chamber section (112) and a second inner chamber section (114), a piston (106) arranged in the inner chamber (104) and movable relative to the housing (102), a spring device (136) effective between the housing (102) and the piston (106), and a displacement measuring device having a magnet device (144) associated with the piston (106) and a sensor device (148) associated with the housing (102), wherein the spring device (136) and the magnet device (144) are arranged in different inner chamber sections (114). The invention also relates to a displacement measuring device for such a master or slave cylinder (100), comprising a magnet device (144) and a sensor device (148), in which the magnet device is arranged in an inner chamber section (114) in which no spring device (136) is arranged in order to reduce an installation space requirement and/or to increase measuring accuracy.

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