

Title (en)
DEVICE FOR MEASURING A SET SWEEP VOLUME

Title (de)
VORRICHTUNG ZUM ERFASSEN EINES EINGESTELLTEN HUBVOLUMENS

Title (fr)
DISPOSITIF POUR L'ENREGISTREMENT D'UNE CYLINDRÉE RÉGLÉE

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Abstract (en)
[origin: WO2010121686A1] The invention relates to a device for measuring a set swept volume of a hydrostatic piston machine (1). The device has an actuating element (4) for generating an actuating movement, and a sensor (6) for measuring a position of the actuating element (4). A signal indicating the position of the actuating element (4) is generated by the sensor (6). The actuating element (4) interacts with the sensor (6) via a transmission device (5). According to the invention, the transmission device (5) has a groove (11) which extends along a plane which is parallel to the movement direction of the actuating element (4). A longitudinal axis of the groove (11) encloses a non-zero angle α with a projection of the movement direction into the plane of the groove (11). To transmit the movement of the actuating element (4), a transmission element (10) engages into the groove (11).

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