

Title (en)

OPERATING DEVICE WITH A GATE SHAFT

Title (de)

BETÄTIGUNGSEINRICHTUNG MIT KULISSENWELLE

Title (fr)

DISPOSITIF D'ACTIONNEMENT À ARBRE À COULISSE

Publication

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Application

EP 08858084 A 20081204

Priority

- DE 2008050035 W 20081204
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Abstract (en)

[origin: WO2009071080A2] The invention relates to an operating device for a gearbox. Said operating device comprises a selector lever (1) with stable selector lever positions and a ratchet device with a ratchet element (9) and index gate (8). Said ratchet element (9) is connected to the selector lever (1). According to the invention, the actuation device is characterised in that the index gate (8) is arranged on a gate shaft (4) that can be rotated by an actuator. Said gate shaft (4) comprises at least one return groove (10) for the ratchet element (9) that is wound in a screw-like manner. Said ratchet element (9) can be guided into the target position from a start position by rotating (7) the gate shaft (4) along the return groove (10). Said selector lever positions can reflect the current shift state of the gear box, also in shift-by-wire-controlled gearboxes. A reliable optical and also tactile signal of the shifting state of the gearbox is obtained for the driver. Said operating device is constructively reliable, has a low energy consumption and minimal noise and is also compact.

IPC 8 full level

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CPC (source: EP US)

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