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(54) Title: CONTROL DEVICE FOR A GEARBOX, IN PARTICULAR FOR A MOTOR-VEHICLE GEARBOX, WITH A SYSTEM FOR IDENTIFYING THE ENGAGED GEAR

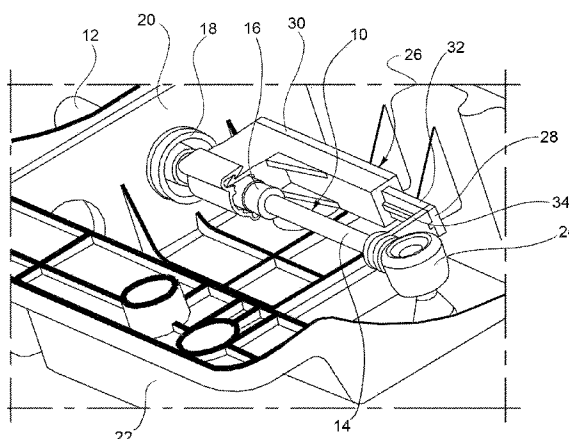


FIG. 1

(57) Abstract: The control device comprises an elongated mechanical transmission member (10; 110) interposed between the gearbox and a control member (100) for transmitting to the gearbox the commands imparted through the control member, in such a manner that the gear engaged by means of the gearbox is linked to the linear position of the transmission member (10; 110). The device is provided with a position sensor (26; 126) comprising a movable reference element (28; 128), the movement of which is univocally determined by the movement of a rigid end portion (14; 114) of the transmission member (10; 110), and a stationary detection element (30) for detecting the position of the reference element (28; 128). The reference element (28; 128) is mechanically connected to the rigid end portion (14; 114) and spaced apart from it. Preferably, the position sensor is a linear position sensor (26) arranged to detect the linear position of the reference element (28), which is drivingly connected for translation with the rigid end portion (14) of the transmission member (10).

WO 2009/090603 A1