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(54) **DESIGN CONCEPT OF A DRIVE FOR ACTUATION IN THE DRIVE TRAIN**

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(57) **ABSTRACT**

A structural concept of a drive for an actuation device in a drive train of a motor vehicle, contains an electric motor with a motor housing shell, a circuit carrier with a control unit for controlling the electric motor, and an output shaft of a gearbox with a gearbox housing shell. The rotor shaft of the electric motor is arranged axially with respect to the output shaft of the gearbox, and the rotor shaft of the electric motor is accommodated in the output shaft in a rotatably mounted manner in the region of the gearbox housing shell. The circuit carrier is arranged between the electric motor and the output shaft of the gearbox, and the rotor shaft leads through a cutout in the circuit carrier.