

Title (en)
ELECTRIC MOTOR

Title (de)
ELEKTROMOTOR

Title (fr)
MOTEUR ÉLECTRIQUE

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Application
EP 08775096 A 20080715

Priority
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• DE 102007043527 A 20070912

Abstract (en)
[origin: WO2009033857A1] The invention is based on an electric motor (10) with an armature stack (12), which sits firmly on an armature shaft (14), one end of which is mounted rotatably in a transmission housing (20) by means of a ball bearing (24) and is fixedly connected to a worm (16) at its end which protrudes into the transmission housing (20), wherein an inner bearing ring (28) rests on the armature shaft (14), while an outer bearing ring (30) of the transmission-side ball bearing (24) is fitted with a sliding fit into the transmission housing (20) and is supported axially towards the worm (16) on the transmission housing (20). It is proposed that the outer bearing ring (30) of the transmission-side ball bearing (24) is supported towards the armature stack (12) on transverse pins (54, 56, 58) which are inserted into the transmission housing (20) so as to run in a plane perpendicular to the armature shaft (14) and enclose the armature shaft (14) between them.

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