

Title (en)

ELECTRIC DRIVE UNIT, IN PARTICULAR ELECTRIC MOTOR WITH TRANSMISSION

Title (de)

ELEKTRISCHE ANTRIEBSEINHEIT, INSBESONDERE ELEKTROMOTOR MIT GETRIEBE

Title (fr)

UNITE D'ENTRAINEMENT ELECTRIQUE, NOTAMMENT MOTEUR ELECTRIQUE AVEC BOITE DE VITESSES

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Application

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Priority

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Abstract (en)

[origin: WO2007060044A1] The invention relates to an electric drive unit (10), in particular an electric motor (11) with a transmission (12), whose driveshaft (15) is rotatably mounted at the transmission side in a ball bearing (16) on the transmission housing (14), which ball bearing (16) is axially fixed at one side against a stop shoulder (18a) of the bearing bore (18) and at the other side by means of at least one locking part in the bearing bore. For a cost-effective bearing fixing arrangement which is simple to assemble, it is proposed that the ball bearing (16) is axially fixed by means of at least one locating pin (22), which is fastened in the transmission housing (14) and extends chordwise through the bearing bore (18), as a locking part, wherein an elastic element (21) for tolerance compensation is arranged at least on one end side of the ball bearing (16).

IPC 8 full level

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