

Title (en)
ELECTRIC MOTOR

Title (de)
ELEKTROMOTOR

Title (fr)
MOTEUR ÉLECTRIQUE

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Application
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Abstract (en)
[origin: WO2010108709A1] The invention relates to an electric motor, in particular for a pump in a motor vehicle. The electric motor has a housing, a stator and an armature. The electric motor also has a control unit which is preferably formed on a printed circuit board, wherein the printed circuit board is connected to the housing and/or to the stator via electrical connecting lines which are in particular in the form of wires and are solid. According to the invention, in the electric motor, the connecting points which each connect one connecting line to the printed circuit board are arranged together on one printed circuit board surface of the printed circuit board, on a contact area which is smaller than the printed circuit board area, such that mechanical deformation effects to the printed circuit board caused by temperature fluctuations and/or vibration at the connecting points are reduced to a minimum, or at least in comparison to an arrangement which is distributed in particular uniformly over the printed circuit board surface.

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