

Title (en)

ELECTRICAL MACHINE, AND DRIVE DEVICE FOR A MOTOR VEHICLE

Title (de)

ELEKTRISCHE MASCHINE, SOWIE ANTRIEBSEINRICHTUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)

MACHINE ÉLECTRIQUE AINSI QUE DISPOSITIF D'ENTRAÎNEMENT POUR UN VÉHICULE AUTOMOBILE

Publication

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Application

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Abstract (en)

[origin: WO2020201264A1] The present invention relates to an electrical machine, in particular an electric motor, comprising a stator (S) having a winding overhang (11), wherein: the winding overhang (11) is equipped with at least one phase connection lug (112, 112a-b) or star-point connection lug (112c); a connection means (13, 13a-c) is provided for electrically connecting the phase connection lug (112, 112a-b) or star-point connection lug (112c) to a current source; the connection means (13, 13a-c) comprises a first connection piece (131, 131a-c), which is connected to the phase connection lug (112, 112a-b) or star-point connection lug and has a threaded bore; the connection means comprises a second connection piece, which is equipped with a bore; the first connection piece (131, 131a-c) is integrally connected, in particular welded, to the phase connection lug (112, or 112a or 112b) or star-point connection lug (112c) in question, and the threaded bore (1311) of the first connection piece (131, 131a-c) and the bore (1321) of the second connection piece (132, 132a-c) have a common geometric axis (X); a screw (133, 133a-c) is screwed through the bore (1321) of the second connection piece (132, 132a-c) into the threaded bore (1311) of the first connection piece (131, 131a-c). The present invention further relates to a drive device, preferably for a motor vehicle, comprising a housing (G), in which an electrical machine (1), in particular an electric motor, is accommodated, characterized by an electrical machine according to at least one of the preceding claims.

IPC 8 full level

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