CLAIMS

1. An electric drive device (10; 110; 210; 310; 410) for driving of a motor vehicle comprising an electric motor (20) with a stator (24) and a rotor (22) arranged to rotate a drive shaft (26), a housing (30; 130; 230; 330; 430) in which the electric motor (20) is housed, which housing has an essentially ring shaped cross section with an imaginary centre axle (X), wherein said drive shaft (26) is arranged to run essentially horizontally, characterized in that the electric motor (20) is eccentrically arranged in the housing (30; 130; 230; 330; 430) in such a way that the rotational centre of the drive shaft (26) of the electric motor (20) runs essentially parallel to and at a distance from the centre axle of the housing (30; 130; 230; 330; 430) so as to form a desired space (36) between the electric motor and said housing.

2. An electric drive device according to claim 1, wherein said desired space (36) has a valley like configuration.

3. An electric drive device according to claim 1 or 2, wherein said ring shaped cross section is circular.

4. An electric drive device according to claim 1 or 2, wherein said ring shaped cross section is elliptic.

5. An electric drive device according to any of claims 1-4, wherein the electric motor (20) is eccentrically displaced in such a way that said space (36) is set free in the housing (30) below the electric motor (20).

6. An electric drive device according to any of claims 1-5, wherein an oil sump (O) is arranged in the bottom of the housing (30; 130; 230; 330; 430).

7. An electric drive device according to any of claims 1-6, comprising an output shaft (12) connected to said drive shaft (26).

8. An electric drive device according to claim 7, wherein said output shaft (12) is aligned with said drive shaft (26).