

Title (en)

ROTATING ELECTRICAL MACHINE ASSEMBLY FOR A MOTOR VEHICLE

Title (de)

MONTAGE EINER ROTIERENDEN ELEKTRISCHEN MASCHINE FÜR EIN AUTOMOBIL-FAHRZEUG

Title (fr)

MONTAGE DE MACHINE ELECTRIQUE TOURNANTE POUR VEHICULE AUTOMOBILE

Publication

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Application

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Abstract (en)

[origin: WO03083287A1] The invention relates to a rotating electrical machine assembly (2) for a motor vehicle. The invention comprises a rotor (6) surrounded by a stator (5) which is solidly connected to a spacer (61) that is disposed between the casing (62) of the engine of the motor vehicle having a crankshaft (11) and a dome (14). The invention is characterised in that the dome (14) is used to house the casing (3) of a hydrokinetic coupling device comprising an axially-projecting centring nozzle (30) with a closed free end. Moreover, the invention is characterised in that a first drive unit (12) connects the crankshaft (11) of the engine of the vehicle to a hollow rigid support (13) bearing the rotor (6) and in that a second drive unit (15, 4) is connected to the casing (3) of the hydrokinetic coupling device. The invention is further characterised in that: said two drive units (12, 15) are interconnected by means of a link comprising complementary forms (241, 341) consisting of an axially-oriented contour (241) which is supported by the first drive unit (12) and which co-operates in a complementary manner with an axially-oriented counter contour (341) which is supported by the second drive unit (15, 4), and in that the contour and the counter contour penetrate the support.

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