Title (en)

STARTER COMPRISING AN ARMATURE SHAFT SUPPORTED BY A BEARING INSERTED BETWEEN AN ARMATURE AND A SPEED REDUCER

Title (de)

STARTER MIT EINER ANKERWELLE, DIE DURCH EIN ZWISCHEN EINEM ANKER UND EINEM UNTERSETZUNGSGETRIEBE EINGESETZTEN LAGER GESTÜTZT WIRD

Title (fr)

DEMARREUR COMPORTANT UN ARBRE D'INDUIT PORTE PAR UN PALIER INTERPOSE ENTRE UN INDUIT ET UN REDUCTEUR

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Application

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Abstract (en)

[origin: WO2010018332A1] The invention relates to an automobile starter (10) comprising: - an electric engine (16) comprising a rear armature shaft (18) supporting armature windings (22) and rotatably guided by a rear first bearing (32) and a front second bearing (68); - a front coaxial output shaft (20) supporting a starter drive assembly (64) and rotated by the armature shaft (18); and - an epicyclic gear train speed reducer (44) axially inserted between the rear armature shaft (18) and the front output shaft (20) for the coupling thereof, characterized in that the front second bearing (68) is axially inserted between the armature windings (22) and the speed reducer (44). (Refer to FIG. 1).

IPC 8 full level

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