

Title (en)

HEAT ENGINE STARTER PROVIDED WITH A DEVICE FOR SHOCK ABSORPTION BY SHEARING

Title (de)

WÄRMEKRAFTMASCHINENANLASSER MIT EINER VORRICHTUNG ZUR STOSSDÄMPFUNG DURCH SCHERUNG

Title (fr)

DEMARREUR POUR MOTEUR THERMIQUE MUNI D'UN DISPOSITIF D'ABSORPTION DES CHOCS PAR CISAILLEMENT

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Application

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Abstract (en)

[origin: WO2014072651A2] The invention essentially concerns a starter (10) for a heat engine comprising an electric engine (11), an output shaft (43) on which there is mounted a drive pinion (50) intended to mesh with a starting ring of the heat engine, a gearbox assembly (45) having a ring gear (46) installed between the shaft (24) of the electric engine and the output shaft (43), and a housing (16). According to the invention, the starter (10) further comprises at least one shock absorbing device (61) installed between the ring gear (46) and the housing (16), and capable of absorbing, by means of shearing, the shocks experienced by the ring gear (46) when the starting of the heat engine causes the relative angular movement of the ring gear (46) with regard to the housing (16).

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