

Title (en)

ELECTROMAGNETIC SWITCH INCLUDING AT LEAST TWO MOBILE CONTACTS FOR THE STARTER OF A HEAT ENGINE

Title (de)

ELEKTROMAGNETISCHER SCHALTER MIT MINDESTENS ZWEI BEWEGLICHEN KONTAKTEN FÜR DEN STARTER EINER WÄRMEKRAFTMASCHINE

Title (fr)

COMMUTATEUR ELECTROMAGNETIQUE POUR DEMARREUR DE MOTEUR THERMIQUE COMPRENANT AU MOINS DEUX CONTACTS MOBILE

Publication

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Application

EP 12816771 A 20121221

Priority

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Abstract (en)

[origin: WO2013093365A1] The invention relates to a starter (290) for an internal combustion engine, said starter comprising: a) an electric motor (150); b) a drive assembly including a pinion (160) movable between a so-called free position and a so-called meshed position, wherein said pinion (160) is rotatably linked to the electric motor (150) and to the internal combustion engine (290); c) an electric switching device (230) including a main actuator (220) capable, when engaged, of moving and holding a means, referred to as plunger (130), in position, said plunger being linked with the movement of the pinion (160) between the free position and the meshed position, by means of a linking means, referred to as lever (260); d) a means connected to the plunger, which is capable of establishing electrical power contact between the electric motor (150) and a power source (100) when the pinion (160) is in the meshed position; e) and including an auxiliary actuator (240) capable, when engaged, of opening the power contact and a means (211, 212) for separately controlling the main actuator (220) and the auxiliary actuator (240).

IPC 8 full level

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Citation (search report)

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