

Title (en)
Solenoid switch and starter

Title (de)
Magnetschalter und Anlasser

Title (fr)
Commutateur de solénoïde et démarreur

Publication
EP 2846035 B1 20200108 (EN)

Application
EP 14177574 A 20140718

Priority
CN 201310319400 A 20130726

Abstract (en)
[origin: EP2846035A2] The invention discloses a solenoid switch and a starter comprising the same, for starting an engine. The solenoid switch comprises a housing, stationary terminals and a movable terminal. The stationary terminals are fixed to the housing. The movable terminal is adapted to be movable between a first state and a second state. At least one of the stationary terminals and the movable terminal comprises a copper alloy material which contains tellurium and nickel. An electric current of no less than 150 Amperes flows through the stationary terminals and the movable terminal when the movable terminal is in the second state. The stationary terminals and the movable terminal of the disclosure are easy to be manufactured, and contact welding is not likely to occur at the terminals.

IPC 8 full level
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Cited by
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