

Title (en)

IMPROVED MICRO-SOLENOID CONTACT-BREAKER FOR MOTOR VEHICLE STARTER, AND CORRESPONDING STARTER

Title (de)

VERBESSERTER MIKROSOLENOIDSCHUTZSCHALTER FÜR KRAFTFAHRZEUGANLASSER UND ENTSPRECHENDER ANLASSER

Title (fr)

CONTACTEUR A MICRO-SOLENOÏDE PERFECTIONNE POUR DEMARREUR DE VEHICULE AUTOMOBILE ET DEMARREUR CORRESPONDANT

Publication

EP 3111461 A1 20170104 (FR)

Application

EP 15709283 A 20150219

Priority

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Abstract (en)

[origin: WO2015128564A1] The invention essentially relates to a contact-breaker (1) for a heat engine starter, comprising: - a cap (30); - a micro-solenoid (41) that comprises a coil (42) which is stationary relative to the cap (30), and a core (43) which is translationally movable relative to the cap (30) between a starting position and an end position; - at least two contact terminals (26a, 26b) that are stationary relative to the cap (30); and - a contact plate (21) that is located inside the cap (30) and can be moved between a deactivated position in which the contact plate (21) is at a distance from the contact terminals (26a, 26b) and an active position in which the contact plate (21) is in contact with the two contact terminals (26a, 26b). Said contact-breaker is characterized in that the contact plate (21) is secured to the core (43) of the micro-solenoid (41) in such a way that the contact plate (21) drives the core (43) of the micro-solenoid (41) towards the starting position of the core when the contact plate (21) moves from the active position into the deactivated position.

IPC 8 full level

H01H 51/06 (2006.01)

CPC (source: CN EP US)

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Citation (search report)

See references of WO 2015128564A1

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