

Title (en)

REGULATED POWER SUPPLY ASSEMBLY FOR USE IN ELECTRICAL SWITCH

Title (de)

GEREGELTE LEISTUNGSANORDNUNG ZUR VERWENDUNG IN EINEM ELEKTRISCHEN SCHALTER

Title (fr)

ENSEMBLE DE PUISSANCE RÉGLÉ POUR UTILISATION DANS UN COMMUTATEUR ÉLECTRIQUE

Publication

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Application

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Abstract (en)

[origin: WO2014094830A1] Regulated power supply assembly for use in electrical switch A regulated power supply assembly (106) suitable for use in an electrical switch (100) is disclosed. The regulated power supply assembly regulates an excitation current provided to an electromagnetic assembly (104) within the electrical switch. The regulated power supply assembly includes switching means (206), free-wheeling means (208), and controlling means (210). The switching means regulates an excitation current provided to an electromagnetic assembly. The free-wheeling means provide a freewheeling current flow path for the excitation current. The controlling means are configured for regulating the switching means and the free-wheeling means such as to regulate the excitation current during transition from the closed position to the open position.

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