

Title (en)

Electrical protection device comprising at least one cut-off module controlled by a control device with an electromagnetic coil

Title (de)

Elektrisches Schutzgerät, das mindestens ein Unterbrechungsmodul umfasst, das von einer Steuervorrichtung mit einer elektromagnetischen Spule gesteuert wird.

Title (fr)

Appareil de protection électrique comportant au moins un module de coupure commande par un dispositif de commande à bobine électromagnétique.

Publication

EP 2541578 B1 20170315 (FR)

Application

EP 12354033 A 20120524

Priority

FR 1101975 A 20110627

Abstract (en)

[origin: EP2541578A1] The electric protection apparatus has remote control device comprising an electromagnetic coil (18) designed to act on the contacts (13,15) to bring opening or closing of the contacts. The coils (12,21) of switching modules are substantially in the plane parallel to the plane of mounting support. A plate (22) made of ferromagnetic material is dimensioned to sensibly completely covers the coil of control device. The plate performs magnetic guiding of the arc as soon as separation of the contacts takes place so as to increase the propulsion component of the Laplacian force acting on the arc.

IPC 8 full level

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CPC (source: EP US)

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