

Title (en)

Electromagnetic actuating device with coils capable of holding electrification in series connection after being actuated in parallel connection

Title (de)

Elektromagnetische Auslösungsvorrichtung mit Spulen geeignet zum Halten der Elektrifizierung in Reihenschaltung nach einer Auslösung in Parallelschaltung

Title (fr)

Dispositif d'actionnement électromagnétique avec des bobines capable de supporter l'électrification dans une connexion en série après avoir été activé dans une connexion parallèle

Publication

EP 2264723 A1 20101222 (EN)

Application

EP 09251595 A 20090618

Priority

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- JP 2009158896 A 20090703
- CN 200910129968 A 20090410
- CN 200910133137 A 20090409

Abstract (en)

At least two sets of driving coils of the same individual electromagnetic actuating device of the present invention in parallel connection or series-parallel connection to appear relatively lower impedance being electrified to obtain larger actuating force is further manipulated by the switching device to be switched to series connection and series-parallel connection to appear relatively higher impedance thus reducing currents passing through driving coils, while required operating characteristics of the electromagnetic actuating device can still be satisfied.

IPC 8 full level

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CPC (source: EP)

H01F 7/1827 (2013.01); **H01F 7/1833** (2013.01); **H01H 47/06** (2013.01); **H01H 47/08** (2013.01)

Citation (search report)

- [E] EP 2105939 A1 20090930 - YANG TAI-HER [TW]
- [X] US 2009027823 A1 20090129 - FOLLIC STEPHANE [FR], et al
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- [X] US 4609965 A 19860902 - BAKER WILLIAM A [US]
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- [X] EP 2071595 A1 20090617 - YANG TAI-HER [TW]

Designated contracting state (EPC)

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Designated extension state (EPC)

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