

Title (en)

Operation voltage controller and method for controlling an operation voltage controller

Title (de)

Betriebsspannungskontrollgerät und Verfahren zur Steuerung eines Betriebsspannungskontrollgerätes

Title (fr)

Contrôleur de tension de fonctionnement et procédé pour la commande d'un contrôleur de tension de fonctionnement

Publication

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Application

EP 07014826 A 20070727

Priority

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Abstract (en)

The present invention relates to an operation voltage controller for a signal powered field device having a display, comprising a power supply for transforming the signal into a high voltage output and a low voltage output, a basic device functions means being supplied by the low voltage output such that an operation voltage is applied at the basic device functions means, and a back lighting means for back lighting a display of the signal powered field device. The present invention relates also to a method for controlling an operation voltage controller of a signal powered field device having a display, wherein the operation voltage controller comprises at least a basic device functions means, the method comprising the following steps: transforming the signal into a high voltage output and a low voltage output, supplying the basic device functions means with the low voltage output such that an operation voltage is applied at the basic device functions means, and back lighting a display of the signal powered field device.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] US 2007161273 A1 20070712 - STAIGER HOLGER [DE]
- [DA] EP 1202427 A1 20020502 - FOXBORO CORP [US]
- [A] EP 1788463 A2 20070523 - ENDRESS & HAUSER WETZER GMBH [DE]

Cited by

CN102385329A; EP2413213A3; EP4239368A1

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DOCDB simple family (publication)

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