Title (en)
FAIL SAFE DISCOVERY AND ADDRESS ASSIGNMENT

Title (de)
AUSFALLSICHERE ERKENNUNG UND ADRESSZUORDNUNG

Title (fr)
DÉCOUVERTE À SÉCURITÉ INTÉGRÉE ET ATTRIBUTION D'ADRESSE

Publication
EP 2831683 A1 20150204 (EN)

Application
EP 12712498 A 20120326

Priority
US 2012030541 W 20120326

Abstract (en)
[origin: WO2013147734A1] The disclosed embodiments relate to a programmable logic controller ("PLC") arrangement featuring a control device/ module capable of being connected to one or more external devices/modules via a "daisy chain" topology where the control device and the one or more external devices are connected to each other in series, wherein communications from a transmitting device to a receiving device must past through, or otherwise be received and retransmitted by, each intervening device there between. In particular, the disclosed embodiments relate to a system and method by which the control device may be connected to an unknown number of external devices and wherein the control device may reliably discover and configure all of the external devices connected thereto, or otherwise detect errors thereby.

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CPC (source: CN EP)
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Citation (search report)
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