Title (en)
METHOD AND DEVICE FOR REDUNDANCY CONTROL OF ELECTRICAL DEVICES

Title (de)
VERFAHREN UND VORRICHTUNG ZUR REDUNDANZKONTROLLE VON ELEKTRISCHEN EINRICHTUNGEN

Title (fr)
PROCEDE ET DISPOSITIF POUR CONTROLER LA REDONDANCE DE DISPOSITIFS ELECTRIQUES

Publication
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Application
EP 05786985 A 20050916

Priority
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Abstract (en)
[origin: WO2006042775A2] In general, electrical units have to meet the requirements for high reliability and a high level of operational safety. This applies in particular to communications systems where the constant availability of all devices is necessarily required. For this reason, computer capacity is held in reserve in order to guarantee operational safety, so that in the event of failure of an electrical device, the currently-running functions can be transferred to additonal (active) electrical devices. The control of these processes is carried out by a redundancy control. However, the problem associated with prior art remains, whereby all processes for redundancy control are expensive (additional hardware/devices) or unreliable (risk of split-brain), sometimes even both. The invention provides a solution by virtue of the fact that each of the electrical devices is monitored by an additional electrical device and that, optionally, each of these devices, in turn, monitors at least one of the electrical devices.

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