

Title (en)
METHOD AND FAULT LOCATOR FOR DETERMINING A FAULT LOCATION VALUE

Title (de)
VERFAHREN UND FEHLERORTER ZUM BESTIMMEN EINES FEHLERORTWERTES

Title (fr)
PROCÉDÉ ET DISPOSITIF DE LOCALISATION DE DÉFAILLANCE PERMETTANT DE DÉTERMINER UNE VALEUR D'EMPLACEMENT DE DÉFAILLANCE

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Application
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Abstract (en)
[origin: WO2009092398A1] The invention relates to a method for determining a fault location value (F) indicating a fault location of a short circuit (17) that occurred in an electric energy supply network, wherein after the start of the short circuit, current measurement values and voltage measurement values of a conductor affected by the short circuit are detected. From at least several of the detected current measurement values and from the voltage measurement values detected at the same time, a result impedance value is calculated. From the result impedance value, the fault location value (F) is determined. The invention further relates to a corresponding fault locator (16).

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Citation (search report)
See references of WO 2009092398A1

Citation (examination)

- WO 2006108860 A1 20061019 - SIEMENS AG [DE], et al
- "Siprotec 4 - 7SA6 Distance Protection Relay for all Voltages Levels", SIEMENS AG, vol. 4.3, 2001, Nürnberg, pages 1 - 50, Retrieved from the Internet <URL:ftp://ftp.so-ups.ru/RZA/Siemens/SIPROTEC%20SA6/7SA6_Catalog.pdf> [retrieved on 20150429]
- YALING PEI ET AL: "An Efficient Reference-Based Approach to Outlier Detection in Large Datasets", DATA MINING, 2006. ICDM '06. SIXTH INTERNATIONAL CONFERENCE ON, IEEE, PI, 1 December 2006 (2006-12-01), pages 478 - 487, XP031003057, ISBN: 978-0-7695-2701-7

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