

Title (en)

METHODS AND APPARATUS FOR MONITORING POWER FLOW IN A CONDUCTOR

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR ÜBERWACHUNG DES ENERGIEFLUSSES IN EINEM LEITER

Title (fr)

PROCEDES ET APPAREIL PERMETTANT DE CONTROLER LE TRANSIT DE PUISSANCE DANS UN CONDUCTEUR

Publication

EP 1646880 A4 20130619 (EN)

Application

EP 04778480 A 20040716

Priority

- US 2004023006 W 20040716
- US 48870003 P 20030718
- US 55418804 P 20040318
- CA 2004000705 W 20040511

Abstract (en)

[origin: WO2005008181A2] An energy monitoring device includes means for sensing current in a power line and generating an analog signal representative thereof. The energy monitoring device includes means for generating a digital representation of the current. The energy monitoring device includes means for assuming a voltage value and calculating at least one measure of power consumption using the sensed current and the assumed voltage. A method executable by said energy monitoring device is also disclosed.

IPC 8 full level

G01R 21/133 (2006.01); **G01R 19/25** (2006.01); **G01R 21/00** (2006.01); **G01R 22/06** (2006.01)

IPC 8 main group level

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CPC (source: EP)

G01R 19/2513 (2013.01); **G01R 21/133** (2013.01); **G01R 22/066** (2013.01)

Citation (search report)

- [X] US 2003067725 A1 20030410 - HORVATH VINCENT VICTOR [US], et al
- [X] EP 0455518 A2 19911106 - POLYMETERS RESPONSE INTERNATIO [GB]
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- [X] US 6185508 B1 20010206 - VAN DOORN PETER M [CA], et al
- [A] WO 0045183 A2 20000803 - SUPARULES LTD [IE], et al
- [A] WO 9304377 A1 19930304 - SERVICES IND DE GENEVE [CH]
- See references of WO 2005008181A2

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DOCDB simple family (publication)

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