

Title (en)

DEVICE FOR METERING ENERGY CONSUMPTION AND AN ELECTRONIC COMPONENT AND USES OF THE SAME

Title (de)

VORRICHTUNG ZUR MESSUNG DES ENERGIEVERBRAUCHS UND ELEKTRONISCHE KOMPONENTE SOWIE IHRE VERWENDUNG

Title (fr)

DISPOSITIF PERMETTANT DE MESURER LA CONSOMMATION D'ÉNERGIE ET COMPOSANT ÉLECTRONIQUE ET SON UTILISATION

Publication

EP 2391897 A4 20170208 (EN)

Application

EP 10733280 A 20100125

Priority

- FI 2010050041 W 20100125
- FI 20095060 A 20090126

Abstract (en)

[origin: WO2010084251A1] The invention relates to a device for metering energy consumption. The device includes connecting means (12) for connecting the device to the mains supply. In addition, the device includes metering equipment (13) connected to the connecting means (12) and switching means (14) for switching off the flow of electric current from the connecting means (12) to the metering equipment (13). The metering equipment (13) is adapted as galvanically separate from the connecting means (12). In addition, the metering equipment (13) is composed of a current transformer (18) with a primary current conductor (19) comprised therein being adapted as a part of a mains voltage part included in the switching means (14) for adapting at least part of the metering equipment (13) as one single electronic component with the switching means (14).

IPC 8 full level

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CPC (source: EP FI)

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Citation (search report)

- [X] US 7274187 B2 20070925 - LOY GARRY M [US]
- [A] DE 2334135 A1 19750123 - JOSEF DUMSER ELEKTRONIK UND HE
- See references of WO 2010084251A1

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