

Title (en)  
EXPANSION MODULE FOR MODULAR METER

Title (de)  
ERWEITERUNGSMODUL FÜR MODULAREN ZÄHLER

Title (fr)  
MODULE D'EXPANSION POUR DISPOSITIF DE MESURE MODULAIRE

Publication  
**EP 1046042 A2 20001025 (EN)**

Application  
**EP 99902147 A 19990108**

Priority

- US 9900510 W 19990108
- US 7094698 P 19980109

Abstract (en)  
[origin: WO9935506A2] An electronic utility meter includes a sensor module, a measurement module, and a removable expansion module. The sensor module connects to the electrical system of a facility, and includes voltage and current sensors. The voltage and current sensors are operable to receive voltage and current signals from the electrical system and generate measurements signals therefrom. The measurement module includes a measurement circuit operable to receive measurement signals and generate energy consumption data therefrom. The measurement module further includes a device for communicating information relating to the energy consumption data. The measurement module is configured to couple to the sensor module to connect the measurement circuit to the voltage and current sensors. The removable module is interposed between the sensor module and the measurement module. The removable module operably couples the measurement circuit to the voltage and current sensors.

IPC 1-7  
**G01R 1/00**

IPC 8 full level  
**G01R 11/04** (2006.01); **G01R 22/00** (2006.01)

CPC (source: EP)  
**G01R 22/00** (2013.01); **G01R 22/065** (2013.01)

Cited by  
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CH DE FI FR GB LI SE

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