

Title (en)  
APPARATUS FOR DETAILED MEASUREMENT OF ELECTRIC POWER CONSUMPTION

Title (de)  
GERÄT ZUR GENAUEN MESSUNG DES STROMVERBRAUCHS

Title (fr)  
APPAREIL DE MESURE DETAILLEE DE CONSOMMATION ELECTRIQUE

Publication  
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Application  
**EP 05775249 A 20050606**

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Abstract (en)  
[origin: WO2006010802A1] The invention concerns a device for measuring power and/or energy consumed through at least a busbar connection (2) of an electric panel, comprising a central station (5) collecting voltage measurements common to different busbar connections, a bundle of wires (6) provided with current sensors for equipping the cables of the different busbar connections. The invention is characterized in that the wires for measuring the intensity of each bundle, are assembled and connected to digital computing modules (9) connected to the collecting central station via a digital connection (10) common to all the modules (9), the latter enabling measured current values to be transmitted in real time from the central station to each module, an, corresponding values of consumed power and/or energy computed by said module to be transmitted in the opposite direction.

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