Abstract

The invention relates to a metering and measuring point system for measuring and metering electrical energy/electricity drawn off and/or fed into a drawing off and/or feeding device at a fixed geographical point by a consumption unit. The system comprises one or more stationary drawing off and/or feeding devices that are connected to the power supply and configured for drawing off and/or feeding in electrical energy/electricity by means of consumption/generation units and at least one identifiable non-stationary functional unit for measuring and metering electrical energy/electricity that is conductively, via an electric conductor or inductively, drawn off or fed into one or more stationary drawing off and/or feeding devices by consumption/generation units. A measuring means is associated with each of the plurality of drawing off and/or feeding devices, wherein the measuring means is adapted to measure at least one physical parameter representing the electrical energy transmitted through the associated drawing off and/or feeding device, and a measuring means is associated with the at least one functional unit, wherein the measuring means is adapted to measure at least one physical parameter representing the electrical energy transmitted between the associated drawing off and/or feeding device and the consumption and/or generation unit the non-stationary functional unit is associated with. Moreover, a comparing means is provided that compares the at least one physical parameter measured at the connecting side with the at least one physical parameter measured at the drawing off or feeding side, respectively. The invention further relates to a method of measuring and metering and rendering an account of electric current regardless of location.

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