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(54) Title: ISOLATION OF AN ELECTRICITY METER

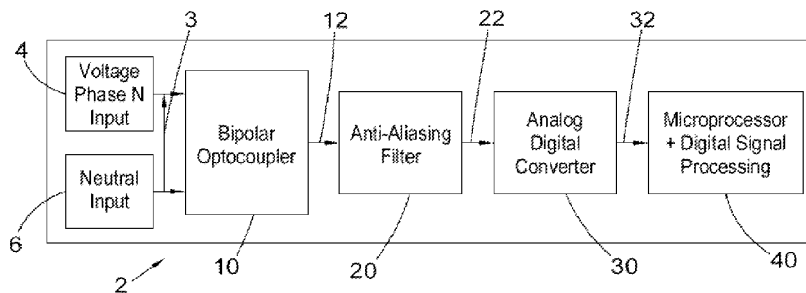


FIG. 1

(57) Abstract: An electricity meter for measuring one or more properties of an electrical input associated with a power supply, comprises a pair of input terminals for receiving the electrical input, an optocoupler arrangement for generating an electrical signal which is based on at least a portion of the electrical input, an analogue-to-digital converter (ADC) for generating an ADC output data sequence based on the electrical signal, and a processing resource for determining one or more properties of the received electrical input based on the ADC output data sequence. The optocoupler arrangement is configured to electrically isolate the ADC from the input terminals.

