Title (en)

METHOD FOR DETECTING A SIGNAL

Title (de)

VERFAHREN ZUR SIGNALDETEKTION

Title (fr)

PROCEDE DE DETECTION D'UN SIGNAL

Publication

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Application

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Abstract (en)

[origin: WO9612196A1] The present invention relates to a method for detecting an alternating current signal of a predetermined frequency in a received signal. In order to achieve a simple and easily applicable method, it comprises the steps of feeding said received signal to an input (0) of a switching means (MUX) which comprises several outputs (1 - 4) as well as means for alternately connecting the input to each of said outputs (1 - 4), synchronized by a clock pulse fed to the switching means, feeding a clock pulse to the switching means whereby the clock pulse frequency is chosen so that the input (0) of the switching means is once connected to each output (1 - 4) of the switching means essentially during one cycle of a signal to be detected, filtering the signals obtained from the outputs of the switching means, monitoring the filtered signals, and detecting the presence of a signal to be detected as the voltage level of any of the monitored signals exceeds a predetermined level, or as the voltage difference between two monitored signals exceeds a predetermined threshold level. The invention further relates to a detector circuit.

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