

A SPEECH AMPLIFIER ASSOCIATED WITH AN LEDABSTRACT OF THE DISCLOSURE

A transmit amplifier for a telephone set without its own power supply has an LED with an anode connected to a first positive terminal of the telephone line and a circuit that determines the ratio between the line current and the line voltage. The LED is supplied with a constant current and this current is derived when the voltage across the terminals of the line becomes lower than a predetermined value.

FIGURE 1