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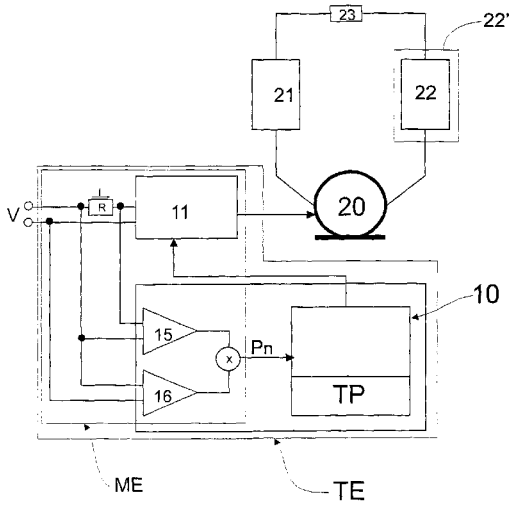
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(54) Title: A COOLING SYSTEM, A COOLER AND A METHOD FOR CONTROLLING A COMPRESSOR



(57) Abstract: A cooling system comprising a compressor (20) and controlled by means of an electronic circuit (TE), the electronic circuit (TE) comprising a measuring circuit (ME) for measuring an electric power (Pn) supplied to the compressor (20) a microcontroller (10), a time variable (td), the measuring circuit (ME) effecting a measurement of the electric power (Pn) supplied the compressor (20), the microcontroller (10) comparing the measure. An electric power with reference-power values (Prl) and (Prd) previously stored in the microcontroller (10), the microcontroller altering the state of operation of the compressor (20) in function of the electric power (Pn) and of the time variable (td). A method of controlling a compressor (20), which comprises steps of storing a variable (Pn(te)) at a power value (Pn) measured at the moment when a period of time (te) counted from the moment of turning on the compressor (20) has been, and altering the value of the time variable (tD).

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