

Title (en)

SENSOR FOR CONNECTION TO A BUS AND METHOD FOR SUPPLYING ENERGY TO A SENSOR CONNECTED TO A BUS

Title (de)

SENSOR ZUM ANSCHLUSS AN EINEN BUS UND VERFAHREN ZUR ENERGIEVERSORGUNG EINES AN EINEN BUS ANGESCHLOSSENEN SENSORS

Title (fr)

DETECTEUR A RACCORDER A UN BUS ET PROCEDE D'ALIMENTATION EN ENERGIE D'UN DETECTEUR RACCORDE A UN BUS

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Application

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Abstract (en)

[origin: WO02080130A2] The invention relates to a sensor for connection to a bus and to a method for supplying energy to a sensor that is connected to a bus, which is designed to minimize energy consumption of a sensor connected to a bus. To this end, energy for a sensor is charged in an energy accumulator during a first period and discharged during a second period, that is, during the measuring time, with the purpose of supplying energy to the sensor element. A capacitor is used as energy accumulator and charging of the capacitor is monitored by the voltage monitoring device.

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