

Title (en)
THERMAL REGULATION OF A SENSOR APPARATUS

Title (de)
THERMISCHE REGELUNG EINER SENSORVORRICHTUNG

Title (fr)
RÉGULATION THERMIQUE D'UN DISPOSITIF DE DÉTECTION

Publication
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Application
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Abstract (en)
[origin: WO2020182388A1] A method for operating a sensor apparatus (1) for determining a road state is disclosed, wherein beams (16) are generated by at least one beam source (10) and emitted into a scanning region (18), and beams (22) that are backscattered or reflected from the scanning region (18) are ascertained by at least one detector (4) and, for the purpose of determining the road state, are evaluated by a control device (26) coupled to the detector (4), wherein temperature-dependent influences on at least one component (4, 6, 10, 12, 14) of the sensor apparatus (1) are ascertained by at least one sensor (12, 14), wherein the temperature-dependent influences on the component (4, 6, 10, 12, 14) of the sensor apparatus (1) are compensated for by a heating device (24) and/or a cooling device (24) and/or during the evaluation by the control device (26). Furthermore, a control device (26) and a computer program are disclosed.

IPC 8 full level
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See references of WO 2020182388A1

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