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Akerblom

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(54) **METHOD AND ARRANGEMENT FOR POSITIONING A SENSOR HEAD FOR MEASURING WHILE OBJECT IS MOVING**

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(58) **Field of Classification Search** 73/37.5-37.7,
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See application file for complete search history.

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(57) **ABSTRACT**

During measurement by means of a measurement arrangement (4) in which a sensor head (7) is axially movable in a sensor housing (6) and is intended, in the measurement position, to rest against a measured object (2) via an air cushion, the orientation of the sensor head in the sensor housing is monitored. When the orientation of the sensor housing deviates by a predetermined value from the normal, the measurement arrangement is temporarily moved a distance away from the measured object and is then returned to the measurement position again for continued measurement, with the sensor head now in the normal position relative to the sensor housing. In such a measurement arrangement, a monitoring device (24) is provided to automatically produce the stated movement of the measurement arrangement.

8 Claims, 2 Drawing Sheets

