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(54) **METHOD FOR CHECKING POSITION DATA OF A MEDICAL INSTRUMENT, AND CORRESPONDING MEDICAL INSTRUMENT**

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See application file for complete search history.

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(57) **ABSTRACT**

A method for checking situation and position data of an instrument with at least a first section having at least a first sensor and at least a second sensor. The method encompasses the metrological determination of the situation or position, or its change, of the first sensor and the second sensor, determining a variable feature of the spatial reference between the situation or position of the first sensor and the situation or position of the second sensor at least at a first point in time, at a second point in time and at a third point in time. The method further encompasses determining, by means of a criterion, whether a difference of the variable feature between a first expression at a first point in time and a second expression at a second point in time still exists at a third point in time.

22 Claims, 6 Drawing Sheets

