

#### US006657427B2

# (12) United States Patent

(10) Patent No.: US 6,657,427 B2

(45) **Date of Patent:** Dec. 2, 2003

(54)	METHOD AND DEVICE FOR MEASURING A
	DISTANCE BETWEEN A STATOR AND A
	ROTOR

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(\*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/979,143** 

(22) PCT Filed: Mar. 20, 2001

(86) PCT No.: PCT/SE01/00572

§ 371 (c)(1),

(2), (4) Date: Nov. 20, 2001

(87) PCT Pub. No.: WO01/71276

PCT Pub. Date: Sep. 27, 2001

#### (65) **Prior Publication Data**

US 2002/0158628 A1 Oct. 31, 2002

## (30) Foreign Application Priority Data

Mar.	23, 2000	(SE)		0001031
(51)	Int. Cl. <sup>7</sup>			G01B 7/14
(52)	U.S. Cl.		324/207.26;	324/207.15
(50)	Field of	Coarch	224/207	26 207 11

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## (57) ABSTRACT

In a machine which is provided with a stator and an opposite rotor, a sensor of magnetic type, arranged in the stator, for determining the distance between the stator and the rotor can be calibrated by the sensor first being moved relative to the stator into contact with the rotor for zeroing. The sensor is then reversed a predetermined distance, after which the sensor signal can be used for determining the distance between the stator and the rotor. In an arrangement suitable for the purpose, the stator has at least one sensor of magnetic type, which is intended to interact with an opposite surface on the rotor. The sensor is mounted displaceably in the axial direction of the rotor and can be brought into contact with the rotor.

# 8 Claims, 1 Drawing Sheet

