

Title (en)
SENSOR POSITIONING DEVICE

Publication
EP 0301651 B1 19921230 (DE)

Application
EP 88201557 A 19880718

Priority
DE 3724897 A 19870728

Abstract (en)
[origin: JPH0197815A] PURPOSE: To adjust a sensor position easily from the outside by moving a guide tube with a measurand sensor in the longitudinal direction by an external adjustment screw that is screwed by the internal thread of a tube. CONSTITUTION: A measurand sensor 4 for measuring, for example, the vibration of a shaft 2 that one cannot access from the outside is mounted one edge of a guide tube 5, an internal thread part 15a is provided at the other edge, and a pin 22 is engaged with an interval part 23 in the longitudinal direction, thus achieving a free displacement in the longitudinal direction only. Then, an adjustment screw 16 that is retained by a holder 20 is screwed to the internal thread part 15a and a screw hole 16 is provided so that it can be rotated by a hexagonal head 25. By rotating the adjustment screw 16 with this configuration, the measurement sensor 4 can be brought into contact with or away from the shaft 2, thus adjusting the sensor position easily without disassembling a lead part 24.

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G01D 11/30; **G12B 5/00**

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