

Title (en)

METHOD AND DEVICE FOR MEASURING THE DISTANCE OR MOVEMENT BETWEEN TWO MACHINE PARTS SEPARATED BY A SEAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR MESSUNG DES ABSTANDES BZW. DER BEWEGUNG ZWISCHEN ZWEI DURCH EINE DICHTUNG GETRENNTEN MASCHINENTEILEN

Title (fr)

PROCEDE ET DISPOSITIF POUR MESURER LA DISTANCE OU LE DEPLACEMENT ENTRE DEUX PIECES D'UNE MACHINE SEPARÉES PAR UN JOINT

Publication

EP 0868645 A1 19981007 (DE)

Application

EP 96943072 A 19961210

Priority

- DE 19547313 A 19951218
- EP 9605512 W 19961210

Abstract (en)

[origin: DE19547313A1] The proposed method of measuring the distance or movement between two machine parts separated by a seal involves embedding at least one capacitive and/or inductive impedance element in the (at least in part non-metallic) seal in such a way that a change in the distance between the machine parts results in a change in the impedance of the impedance element(s) which is then measured and taken as an indicator of the distance or movement.

IPC 1-7

G01B 7/02; G01B 7/14

IPC 8 full level

F02F 11/00 (2006.01); **G01B 7/14** (2006.01); **G01D 5/241** (2006.01)

CPC (source: EP)

F02F 11/002 (2013.01); **G01B 7/14** (2013.01); **G01D 5/2417** (2013.01)

Citation (search report)

See references of WO 9722846A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

DE 19547313 A1 19970619; EP 0868645 A1 19981007; WO 9722846 A1 19970626

DOCDB simple family (application)

DE 19547313 A 19951218; EP 9605512 W 19961210; EP 96943072 A 19961210