Title (en)

MACHINE WITH AN ADJUSTMENT DEVICE FOR COUPLED OPTICS FOR MEASURING USING FIBER OPTIC SENSORS ON ROTATING PARTS

Title (de)

MASCHINE MIT EINER JUSTAGEVORRICHTUNG FÜR EINE KOPPELOPTIK ZUM MESSEN MIT FASEROPTISCHEN SENSOREN AN DREHENDEN TEILEN

Title (fr)

MACHINE AVEC UN DISPOSITIF D'AJUSTAGE POUR UNE OPTIQUE DE COUPLAGE POUR RÉALISER DES MESURES AVEC DES CAPTEURS À FIBRES OPTIQUES SUR DES PIÈCES EN ROTATION

Publication

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Application

EP 08852841 A 20081104

Priority

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- EP 08852841 A 20081104

Abstract (en)

[origin: WO2009065727A1] The invention relates to coupled optics for measuring using fiber optic sensors on rotating part, wherein two coupled goniometer devices are used in order to achieve alignment of a measuring light beam to an optical fiber in a rotating part in a simplified manner. The goniometer devices are coupled such that the light beam impinges unchanged on the receiving collimator when displaced by means of one or both goniometer devices.

IPC 8 full level

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CPC (source: EP US)

G01D 5/35303 (2013.01 - EP US); **G01L 1/246** (2013.01 - EP US); **G02B 6/3624** (2013.01 - EP US); G02B 6/3604 (2013.01 - EP US); G02B 6/3803 (2013.01 - EP US)

Citation (search report)

See references of WO 2009065727A1

Citation (examination)

- DE 10004661 A1 20010823 - LEICA MICROSYSTEMS [DE]
- JP 2003123178 A 20030425 - HITACHI LTD

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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