Title (en)
METHOD AND DEVICE FOR THE FUNCTIONAL TESTING OF A FIBRE-OPTIC SENSOR AND COMPUTER PROGRAM PRODUCT

Title (de)
VERFAHREN UND VORRICHTUNG ZUR FUNKTIONSPRÜFUNG EINES FASEROPTISCHEN SENSORS UND COMPUTERPROGRAMMPRODUKT

Title (fr)
PROCÉDÉ ET DISPOSITIF DE VÉRIFICATION DE FONCTIONNEMENT D'UN CAPTEUR À FIBRES OPTIQUES ET PRODUIT-PROGRAMME D'ORDINATEUR

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Application
EP 17772622 A 20170911

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- EP 2017072750 W 20170911

Abstract (en)
[origin: CA3036305A1] The invention relates to a method (200) for the functional testing of a fibre-optic sensor (110). The method (200) comprises receiving (220) optical sensor signals of the fibre-optic sensor (110) in an evaluation unit (124), determining (230) a first variable from the optical sensor signals, determining (240) whether the first variable lies within a pre-determined range, determining (250) a malfunction of the fibre-optic sensor (110) if the first variable lies outside the pre-determined range, and determining (260) a second variable from the optical sensor signals, which is different from the first variable, if it is determined that the first variable lies within the pre-determined range, the second variable declaring a parameter that is to be determined by the fibre-optic sensor (110).

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CPC (source: EP US)
F03D 17/00 (2016.05 - US); **G01D 5/353** (2013.01 - US); **G01D 18/00** (2013.01 - EP US); **G01H 9/004** (2013.01 - EP US); **G01L 1/24** (2013.01 - EP US); **G01P 15/093** (2013.01 - US); F03D 17/00 (2016.05 - EP); F05B 2270/804 (2013.01 - EP US); G01D 5/353 (2013.01 - EP); G01P 15/093 (2013.01 - EP); G01P 21/00 (2013.01 - EP US); Y02E 10/72 (2013.01 - EP)

Citation (search report)
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