

Title (en)
DEVICE FOR MONITORING A STRUCTURE USING OPTICAL CABLES AND ASSOCIATED METHOD FOR CONNECTING OPTICAL CABLES

Title (de)
VORRICHTUNG ZUR ÜBERWACHUNG EINER STRUKTUR MITTELS OPTISCHER KABEL UND ZUGEHÖRIGES VERFAHREN ZUM ANSCHLUSS OPTISCHER KABEL

Title (fr)
DISPOSITIF POUR LA SURVEILLANCE D'UNE STRUCTURE A L'AIDE DE CABLES OPTIQUES ET PROCEDE DE RACCORDEMENT DE CABLES OPTIQUES ASSOCIE

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Abstract (en)
[origin: WO2015136007A1] The invention relates to a device (17) for monitoring a structure, comprising: a first cable (7A) comprising a first measuring optical fibre and a first carrier element (10A, 11A); a second cable (7B) comprising a second measuring optical fibre and a second carrier element (10B, 11B); and a connection housing (18) comprising a compartment (25) inside of which the first carrier element (10A, 11A) and the second carrier element (10B, 11B) extend and an adhesive composition (47) filling the compartment (25), the first carrier element (10A, 11A) and the second carrier element (10B, 11B) being embedded in the adhesive composition (47) so as to securely fasten the carrier elements (10A, 11A, 10B, 11B) to one another.

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G02B 6/4441 (2013.01); **G02B 6/4477** (2013.01)

Citation (search report)
See references of WO 2015136007A1

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