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(54) Title: MONITORING SUBMARINE CABLE EXPOSURE

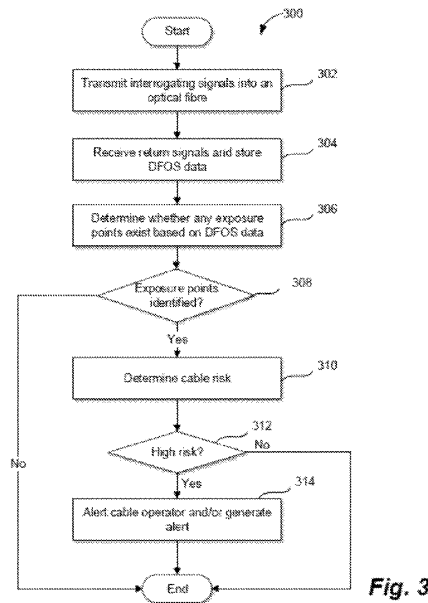


Fig. 3

(57) Abstract: Method and system for determining an exposure point along a buried submarine cable are disclosed. The method includes transmitting interrogating signals into a sensing optical fibre extending the length of the submarine cable, and receiving backscattered signals from the sensing optical fibre in response to the interrogating signals. The method further includes processing the backscattered signals to determine temporal and/or spatial variation in strain along the sensing optical fibre, wherein a determined spatial and/or temporal variation in the strain is indicative of an exposure point and its location along the length of the buried submarine cable.

[Continued on next page]

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