Title (en)

METHOD AND APPARATUS FOR LOCATING BENDING WAVE TRANSDUCER MEANS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ORTSBESTIMMUNG VON BIEGEWELLEN-WANDLERMITTELN

Title (fr)

PROCEDE ET DISPOSITIF DE PLACEMENT DE MOYENS TRANSDUCTEURS D'ONDES DE FLEXION

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Abstract (en)

[origin: WO9956497A1] Method and apparatus for determining beneficial site(s) for locating bending wave transducer means in operative association with member(s) relying for acoustic operation on resonant modes of bending wave action in such member(s). The method comprises investigative excitation of acoustically relevant bending wave action in a said member; and systematic assessment of measurable effect(s) related to such excited bending wave action and corresponding said acoustic action, which effects vary according to bending wave transducer location areally of said member concerned. Investigative excitation is by application of acoustic energy to said member concerned so as to induce said acoustically relevant bending wave action with bending wave transducer means selectively operatively associatable areally locally of said member to respond to its bending wave action and said measurable effect(s) being of signals from said transducer means, or by bending wave transducer means selectively operatively associatable areally locally of said member concerned so as to induce said acoustically relevant bending wave action.

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