Title (en)

ROBOT-ASSISTED TELE-ECHOGRAPHY PROBE

Title (de)

ROBOTERGESTÜTZTE TELEECHOGRAPHIESONDE

Title (fr)

SONDE ROBOTISEE DE TELE-ECHOGRAPHIE

Publication

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Application

EP 21859322 A 20211217

Priority

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- FR 2021052387 W 20211217

Abstract (en)

[origin: WO2022129812A1] The invention relates to a robot-assisted echographic probe, comprising an enclosure, an ultrasonic transducer module (15) comprising a support housing (150) mounted at a distal end (230) of a guide sleeve (23) in a sealed compartment (21) of the enclosure that is separated from a control compartment (22) of the enclosure by a sealed transversal wall (22), and means (16) for moving the transducer module which are suitable for directing the transducer module along three axes of rotation so as to sweep the inner surface of an enclosure shell (180) of the sealed compartment, the moving means being motor-driven by actuators, at least a portion of the actuators being housed in the control compartment, the probe being characterised in that the means for moving the transducer module are arranged in the sealed compartment (21) of the enclosure.

IPC 8 full level

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