

Title (en)

DRIVEN ROBOT DEDICATED TO INSPECTING ULTRASONIC WELDS

Title (de)

ANGETRIEBENER ROBOTER ZUR INSPEKTION VON ULTRASCHALLSCHWEISSNÄHTEN

Title (fr)

ROBOT PILOTÉ DÉDIÉ À L'INSPECTION DE SOUDURES PAR ULTRASONS

Publication

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Application

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Abstract (en)

[origin: WO2022248122A1] The present invention relates to a movable robot (11) for inspecting at least one segment of a weld produced on a ferromagnetic structure, such as an item of pressurized equipment, comprising: - at least one ultrasonic probe (15), - motorised magnetic wheels (20) intended to adhere magnetically to the ferromagnetic structure, and - an on-board ultrasound generator (25) able to generate electrical signals intended to be converted into ultrasonic signals by the ultrasonic probe (15), and to receive and process electrical measurement signals generated by the ultrasonic probe (15).

IPC 8 full level

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