

Title (en)

DEVICE AND METHOD FOR THE NONDESTRUCTIVE TESTING OF A COMPONENT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ZERSTÖRUNGSFREIEN PRÜFUNG EINES BAUTEILS

Title (fr)

DISPOSITIF ET PROCÉDÉ D'ESSAI NON DESTRUCTIF POUR UN COMPOSANT

Publication

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Application

**EP 18723419 A 20180420**

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Abstract (en)

[origin: WO2018219554A1] The invention relates to a device for the nondestructive testing of a component (2), comprising a main body (1), a plurality of test probes (5) held on the main body (1), at least two displacement-indicator apparatuses (9) held on the main body (1), each displacement-indicator apparatus having a displacement-sensing element (10), which is movably held on the main body (1), each displacement-indicator apparatus (9) being designed to output a movement signal (15, 18) in response to the displacement-sensing element (10) thereof being moved relative to the main body (1), which movement signal contains information about the instantaneous velocity of the movement of the displacement-sensing element (10) relative to the main body (1) or from which movement signal such a velocity can be derived, and a displacement-indicator evaluation unit (12), which is connected to the displacement-indicator apparatuses (9) and designed and configured to receive movement signals from the displacement-indicator apparatuses (9) during operation and to determine which displacement-indicator apparatus (9) has the displacement-sensing element (10) moving the fastest, and in particular to output the movement signal (15, 18) of the displacement-indicator apparatus (9) having the displacement-sensing element (10) moving the fastest. The invention further relates to a method for the nondestructive testing of a component (2).

IPC 8 full level

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