

Title (en)
DEVICE FOR CHARACTERIZING THE MECHANICAL PROPERTIES OF A MATERIAL WITH A LOW MODULUS OF ELASTICITY

Title (de)
VORRICHTUNG ZUR CHARAKTERISIERUNG DER MECHANISCHEN EIGENSCHAFTEN EINES MATERIAL MIT NIEDRIGEM ELASTIZITÄTSMODUL

Title (fr)
DISPOSITIF DE CARACTERISATION DES PROPRIETES MECANQUES D'UN MATERIAU A FAIBLE MODULE D'ELASTICITE

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Application
EP 11799757 A 20111108

Priority
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Abstract (en)
[origin: WO2012066214A1] The present invention relates to a device for characterizing mechanical properties of a material (S) with a low modulus of elasticity, comprising an application surface (3) and a mechanical stressing mechanism (5), said mechanical stressing mechanism comprising: a mobile indenter (6) that can move at least in vertical translation so as to bear substantially normally on said material and on said application surface (3), at least one means (14) for translating said indenter along a vertical axis Z-Z' from a reference position in which the indenter is not in contact with the material (S) and at least one sensor (11) for measuring the load applied by the indenter on the material (S) along a direction normal to the application surface on the material, and at least one position sensor (20) able to determine the vertical position of said indenter (6) with respect to said reference position.

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