

Title (en)

A METHOD OF TESTING MATERIAL HARDNESS AND AN INDENTOR FOR CARRYING OUT THE METHOD.

Title (de)

VERFAHREN ZUR PRÜFUNG DER MATERIALHÄRTE UND EINDRINGKÖRPER ZUR DURCHFÜHRUNG DES VERFAHRENS.

Title (fr)

PROCEDE D'ESSAI DE LA DURETE D'UN MATERIAU ET PENETRATEUR DE MISE EN OEUVRE DU PROCEDE.

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Application

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Abstract (en)

[origin: WO8101614A1] Method of testing material hardness. An indentor is caused to penetrate into the material by means of a force (P) acting on the indentor, measurement characterizing the hardness being made for at least two separate magnitudes of this force. The penetration depth (L) caused by the forces is measured for the separate magnitudes to determine that the penetration depth variation in relation to the force increase is constant. The invention also relates to an indentor for carrying out the abovementioned material test.

Abstract (fr)

Procede d'essai de durete d'un materiau. On fait penetrer un penetrateur dans le materiau a l'aide d'une force (P) agissant sur le penetrateur et on procede aux mesures caracterisant la durete pour au moins deux intensites differentes de cette force. La profondeur de penetration (L) resultant des forces est mesuree pour les differentes intensites pour determiner que la variation de profondeur de penetration par rapport a l'augmentation de la force est constante. Penetrateur de mise en oeuvre du test de durete de materiau decrit ci-dessus.

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