

Title (en)

METHOD AND APPARATUS FOR CARRYING OUT HARDNESS TESTS ON TABLETS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DURCHFÜHRUNG VON HÄRTETESTS AN TABLETTE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR EFFECTUER UN TEST DE DURETÉ SUR DES COMPRIMÉS

Publication

EP 2483658 A1 20120808 (DE)

Application

EP 09783483 A 20090928

Priority

EP 2009062524 W 20090928

Abstract (en)

[origin: WO2011035818A1] A method for determining the hardness of solid samples and an apparatus for carrying out said method are described. In the method, a solid sample (6) is conveyed on a support (3) between breaking jaws (1) and a stop (2). The method is distinguished by the fact that a light emitter (4) emits parallel light in the direction of the solid sample (6) and a line sensor (5) detects the parallel light and/or the absence of the parallel light. The orientation of the solid sample (6) is then determined on the basis of the parallel light detected by the line sensor (5) and/or on the basis of the absence of the parallel light detected by the line sensor. The breaking jaws (1) and the stop (2) and/or the support (3) are then rotated about an axis, which runs through the support (3) and is arranged perpendicular thereto, until the breaking jaws (1) and the stop (2) have reached the position intended for measurement with respect to the solid sample (6). Finally, the hardness of the solid sample (6) is determined by moving the breaking jaws (1) towards the stop (2) and measuring the force required for this purpose.

IPC 8 full level

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Citation (examination)

WO 2009115311 A1 20090924 - KOLLEWE THOMAS [DE]

Citation (third parties)

Third party :

- WO 2009115311 A1 20090924 - KOLLEWE THOMAS [DE]
- See also references of WO 2011035818A1

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