

Title (en)

APPLIANCE FOR DETERMINING THE CONTACT ANGLE OF A DROP APPLIED TO A BASE

Title (de)

VORRICHTUNG ZUM BESTIMMEN DES RANDWINKELS EINES AUF EINER UNTERLAGE LIEGENDEN TROPFENS

Title (fr)

DISPOSITIF POUR DETERMINER L'ANGLE DE MOUILLAGE D'UNE GOUTTE SITUEE SUR UN SUBSTRAT

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Application

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Abstract (en)

[origin: WO0070324A2] The invention relates to an appliance for determining the contact angle (γ) of a drop (2) applied to a base (1). The inventive appliance comprises a dosing device (3) for applying the drop (2) in a defined manner and has a camera (4) with an allocated evaluating device and display unit (5). The aim of the invention is to provide a compact design that is easy to handle. To this end, the appliance is configured as a hand-held unit comprising a supporting structure or housing which accommodates the dosing device (3), an illuminating device (6), the camera (4), the evaluating device and the display unit (5) and which can be placed on said base (1).

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