

Title (en)

DEVICE AND METHOD FOR ALIGNING DISC-SHAPED SUBSTRATES

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUSRICHTEN VON SCHEIBENFÖRMIGEN SUBSTRATEN

Title (fr)

DISPOSITIF ET PROCEDE POUR ORIENTER DES SUBSTRATS EN FORME DE DISQUES

Publication

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Application

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Abstract (en)

[origin: WO0141193A1] The invention relates to a simple and cost-effective method for aligning substrates. In order to achieve this, the invention provides a device for aligning disc-shaped substrates, in particular semiconductor wafers, comprising an alignment detection unit, at least one first support for receiving the substrate, which forms an oblique plane in relation to the horizontal, a stop against which the substrate can be displaced as a result of the oblique angle and a rotational device for rotating the substrate. The invention also relates to a method for aligning disc-shaped substrates, in particular semiconductor wafers, comprising the following steps: displacement of the substrate into an oblique position in relation to the horizontal, in which the substrate is held on a support which forms a tilted plane in relation to the horizontal and lies against a stop as a result of the oblique angle; rotation of the substrate into a predefined rotational position; and monitoring of the rotational position using a detection unit.

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