

Title (en)

METHOD AND DEVICE FOR MEASURING THE DEGREE OF BENDING IN A GLASS SHEET.

Title (de)

Methode und Gerät zum Messen des Verbiegungsgrades einer Glasplatte.

Title (fr)

PROCEDE ET DISPOSITIF DE MESURE DU DEGRE DE CINTRAGE D'UNE PLAQUE DE VERRE.

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Application

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Abstract (en)

[origin: WO9308447A1] The invention relates to a method and a device for measuring the degree of bending in a glass sheet. An optical measuring unit (1) is used for emitting an illuminating ray (4) and for receiving a measuring ray (5). The optical components for rays (4, 5) are directed in a manner that the rays cross each other. When a glass sheet surface (20) is located exactly at the crossing point of these two rays, the light reflects from illuminating ray to measuring ray, the latter being monitored by means of electrical measuring elements (3) which also serve as control elements for a manipulating mechanism (2), whereby said optical measuring unit (1) is manipulated up and down in vertical direction.

Abstract (fr)

Procédé et dispositif de mesure du degré de cintrage d'une plaque de verre. Une unité de mesure optique (1) émet un faisceau lumineux (4) et reçoit un faisceau de mesure (5). Les composantes optiques des faisceaux (4, 5) sont orientées de manière que lesdits faisceaux se croisent. Lorsque la surface (20) d'une plaque de verre se trouve au point exact de croisement des deux faisceaux, la lumière est réfléchie du faisceau lumineux au faisceau de mesure, ce dernier étant surveillé par des éléments électriques de mesure (3) servant également d'éléments de commande d'un mécanisme de manoeuvre (2) assurant le déplacement dans le sens vertical de ladite unité de mesure optique (1).

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