

Title (en)
DEVICE AND METHOD FOR ACCOMMODATING AND RETAINING FLAT OBJECTS WITHOUT CONTACT AND FOR CONVEYING FLAT OBJECTS

Title (de)
VORRICHTUNG UND VERFAHREN ZUM BERÜHRUNGSLOSEN AUFNEHMEN UND HALTEN SOWIE ZUM FÖRDERN VON FLACHEN GEGENSTÄNDEN

Title (fr)
DISPOSITIF ET PROCEDE POUR RECEVOIR SANS CONTACT ET MAINTENIR ET EGALEMENT POUR TRANSPORTER DES OBJETS PLATS

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Application
EP 09736121 A 20090915

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Abstract (en)
[origin: WO2011032567A1] The invention relates to a device and a method for conveying flat objects (16), such as in particular semiconductor substrates (wafers) made of thin, fragile material. In particular, the invention relates to a device and a method by means of which the objects (16) can be accommodated without contact. According to the invention, the device (1) comprises a conveying means (6), wherein the conveying process occurs in contact with the conveying means. The device (1) further comprises a retaining apparatus that provides retaining forces. According to the invention, a flat object (16) can be lifted in the direction of the conveying means (6) by means of the retaining forces and can then be fixed on the underside thereof.

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