

Title (en)
VACUUM GRIPPER

Title (de)
VAKUUM-GREIFER

Title (fr)
PRÉHENSEUR À VENTOUSE

Publication
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Application
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Abstract (en)
[origin: WO2011009446A2] The present invention relates to a vacuum gripper and in particular to a vacuum gripper for gently gripping workpieces having sensitive surfaces, such as solar cells, wafers, or panels for flat screens, and for gripping heavy glass plates or plates made of other material having a very smooth surface that are stacked on top of each other and should be removed from above, wherein the vacuum gripper has the following characteristics: a straight or curved gripper plate (2), at least one suction opening (3; 3a), which is provided in the gripper plate (2), wherein a workpiece throttle surface (6) is formed around the suction opening (3), at least one recess (4), which is provided in the side of the gripper plate (2) facing the workpiece, outside of the workpiece throttle surface (6) relative to the suction opening (3), and at least one ventilation hole (5), which is provided within each recess (4).

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