

Title (en)

METHOD AND APPARATUS FOR THE AUTOMATIC EDGE GRINDING OF GLASS SHEETS UNDER CLEAN ROOM CONDITIONS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUTOMATISCHEN KANTEN-SCHLEIFEN VON GLASPLATTEN UNTER REINRAUMBEDINGUNGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE MEULAGE AUTOMATIQUE DES ARÊTES DE PLAQUES DE VERRE DANS DES CONDITIONS DE SALLE BLANCHE

Publication

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Application

EP 09757119 A 20090602

Priority

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Abstract (en)

[origin: US2011104988A1] An embodiment of the invention relates to a method and an apparatus for the automatic edge grinding of glass sheets under clean room conditions, comprising the following: a) a multi-axis robot at a gripper arm thereof carries a suction frame having a plurality of suction units for receiving a glass sheet, b) a grinding unit having at least one rotatable grinding wheel that is supported in a stationary manner is installed in the usable pivot range of the gripper arm of the robot, c) the ground product occurring during operation of the grinding unit is extracted by an extraction system, d) the degree of wear and the state of the grinding wheel are monitored by a calibration device in conjunction with a detection device, and a computer program for carrying out the method.

IPC 8 full level

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CPC (source: EP US)

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