

Title (en)

PROCESS FOR CONTROLLING A GLASS PANE EDGE GRINDING MACHINE, AND DEVICES FOR CARRYING OUT THIS PROCESS

Publication

EP 0084505 A3 19841227 (FR)

Application

EP 83400130 A 19830119

Priority

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Abstract (en)

[origin: ES8400042A1] The invention is in a process, and the apparatus, for path control of a processing tool of a grinding machine for an all-around edge grinding of a glass pane. A cross sled supports the processing tool for movement in an X-Y coordinate system wherein the path of movement of the cross sled is controlled by a program. The path control, however, is critically controlled by the use of a scanning instrumentality including a scanning organ which scans the edge of the glass pane along a path of movement in front of the processing tool. The scanning organ is supported by an arm articulated about the axis of the processing tool. The scanning organ leads the processing tool by a set distance, equal to the length of the arm, and determines the values for the X- and the Y-coordinates. The values that are developed by the scanning organ are stored in a sliding register having an input from each of the two axes. A signal developed by the sliding register is used for the control of the X-Y adjusting motors provided for moving the cross sled.

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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