

Title (en)

PROCEDURE AND DEVICES FOR POSITIONING A MACHINE FOR TREATING THE EDGES OF GLASS PLATES

Publication

EP 0084506 A3 19841212 (FR)

Application

EP 83400131 A 19830119

Priority

DE 3201495 A 19820120

Abstract (en)

[origin: ES8308739A1] A process and apparatus for the control of the path of the grinding tool of an all-around edge grinding machine supporting a glass pane for movement about a rotational axis. The grinding tool is positively guided into contact with the edge of the glass pane as controlled by the contour of the glass pane. A scanning roller, also guided into contact with the edge of the glass pane provides the control heretofore described. Both the grinding head and scanning roller are movable in a direction toward the rotational axis of the glass pane. Path signals determined by the scanning roller are stored in a sliding register, and delayed at its output for a period of time required for movement of the glass pane through an angle which corresponds to the rotational angle (α , β) between the point of contact of the scanning roller and the point of contact of the grinding tool on the edge of the glass pane. The path signals from the sliding register are used in position controlling the grinding tool. The scanning roller and the grinding tool each may be disposed on a sled for movement in directions colinear with a radius from the axis of rotation of the glass pane. The scanning roller and the grinding tool each may be disposed at the end of a rocker arm for movement along a circular path.

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B24B 9/10

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0084506 A2 19830727; **EP 0084506 A3 19841212**; BR 8300267 A 19831025; CA 1207063 A 19860702; DK 14583 A 19830721; DK 14583 D0 19830114; ES 519117 A0 19831016; ES 8308739 A1 19831016; JP S58171251 A 19831007; PT 76115 A 19830201; PT 76115 B 19851113; US 4528780 A 19850716

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EP 83400131 A 19830119; BR 8300267 A 19830119; CA 419761 A 19830119; DK 14583 A 19830114; ES 519117 A 19830119; JP 799183 A 19830120; PT 7611583 A 19830119; US 45911583 A 19830119