Title (en)

GRINDING OR POLISHING UNIT OF A SHEET, IN PARTICULAR A GLASS SHEET, AND METHOD FOR PROCESSING SHEETS USING SUCH UNIT

Title (de)

SCHLEIF- ODER POLIEREINHEIT EINER PLATTE, INSBESONDERE EINER GLASSCHEIBE, UND VERFAHREN ZUM BEARBEITEN EINER PLATTE MIT EINER SOLCHEN EINHEIT

Title (fr)

UNITÉ DE BROYAGE OU DE POLISSAGE D'UNE FEUILLE, EN PARTICULIER UNE FEUILLE DE VERRE, ET PROCÉDÉ DE TRAITEMENT DE FEUILLES À L'AIDE D'UNE TELLE UNITÉ

Publication

EP 3875219 B1 20240131 (EN)

Application

EP 21161095 A 20210305

Priority

IT 202000004819 A 20200306

Abstract (en)

[origin: EP3875219A1] A perimetric surface (5) of a glass sheet (2) is ground and polished using a grinding or polishing unit (30) having a slide (33) that can move in a rectilinear direction (K) and a wheel head (31) carried by the slide (33) and designed to carry a grinding wheel (22) or a polishing wheel (27); the slide (33) being moved by an electropneumatic activation assembly (35) that has an electric motor (50) coupled to the slide (33) via a reversible mechanic transmission (45) for positioning the grinding wheel (22) and a pneumatic thrust cylinder (39) acting directly on the slide (33) to push the polishing wheel (27); a command and control unit (16) being envisaged for activating at least the pneumatic cylinder (39) when the polishing wheel (27) is mounted on the wheel head, and the electric motor (27) when a grinding wheel (22) is mounted on the same wheel head (31).

IPC 8 full level

B24B 9/10 (2006.01); **B24B 7/24** (2006.01); **B24B 9/00** (2006.01); **B24B 47/20** (2006.01); **B24B 47/22** (2006.01); **B24B 47/26** (2006.01); B24B 27/00 (2006.01)

CPC (source: EP)

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EP 3875219 A1 20210908; **EP 3875219 B1 20240131**; ES 2973236 T3 20240619; IT 202000004819 A1 20210906

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