

Title (en)
METHOD FOR ROUND-CORNERING PLANE RECTANGULAR PANES

Publication
EP 0193789 A3 19890301 (DE)

Application
EP 86102102 A 19860218

Priority
DE 3506877 A 19850227

Abstract (en)
[origin: EP0193789A2] In a method for round-cornering plane, rectangular, narrow panes (2) made of brittle material such as glass or glass ceramic, the panes are first of all moved on a wide conveying belt (1) by means of a slide (3) into a first position (A) offset to the outside relative to the centre line of the conveying belt and are then guided in a clamped manner. The external corners are then rounded (B) by means of a grinding wheel (6). After the clamping is removed, the panes are moved to the other side into an offset position (C) relative to the centre line of the conveying belt (1) and the two remaining corners are rounded (D) by means of a further grinding wheel (10). To support the panes, one narrow auxiliary conveying belt (5, 9) each is guided on each side of the conveying belt (Fig. 1). <IMAGE>

IPC 1-7
B24B 9/10

IPC 8 full level
B24B 9/10 (2006.01)

CPC (source: EP)
B24B 9/102 (2013.01)

Citation (search report)
• [A] FR 2183465 A5 19731214 - BIELEFELDER UNION KOCH [DE]
• [A] US 2966013 A 19601227 - HANNEKEN HENRY P
• [A] US 2560740 A 19510717 - PILLOW TOM E
• [A] US 2792859 A 19570521 - FORRER JOHN J
• [A] DE 2054807 A1 19720510
• [A] DE 214096 C
• [A] EP 0067469 A1 19821222 - BOVONE ELETTROMECC [IT]

Cited by
EP1034882A3; DE19754186A1; KR101354620B1

Designated contracting state (EPC)
AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0193789 A2 19860910; EP 0193789 A3 19890301; EP 0193789 B1 19911218; AT E70485 T1 19920115; DE 3506877 A1 19860828; DE 3506877 C2 19870212

DOCDB simple family (application)
EP 86102102 A 19860218; AT 86102102 T 19860218; DE 3506877 A 19850227