

Title (en)  
APPARATUS FOR SEALING THE EDGES OF INSULATING GLAZING UNITS

Publication  
**EP 0122405 B1 19860528 (DE)**

Application  
**EP 84101832 A 19840222**

Priority  
DE 3310441 A 19830323

Abstract (en)  
[origin: US4559001A] A glass panel whose edges are to be sealed is displaced in an upright condition standing on one edge into a sealing station where the conveyor supporting it raises somewhat whereupon suction grippers carried on a stationary frame engage within the edges of the workpiece. Then the conveyor lowers away from the workpiece, which is still upright, so that all of its edges are unobstructed. An extruder then moves vertically and horizontally around the workpiece to seal its edges. An unloading conveyor presses its own set of suction grippers against a face of the workpiece within its edges so they stick to the sealed workpiece. The suction grippers of the stationary frame then release the workpiece to those of the unloading conveyor which subsequently displaces it while it is still upright into a takeoff station.

IPC 1-7  
**E06B 3/66**

IPC 8 full level  
**E06B 3/66** (2006.01); **E06B 3/673** (2006.01)

CPC (source: EP US)  
**E06B 3/67365** (2013.01 - EP US); **E06B 3/67347** (2013.01 - EP US); **E06B 3/67369** (2013.01 - EP US); **E06B 3/67382** (2013.01 - EP US); **E06B 2003/67378** (2013.01 - EP US)

Cited by  
FR2849795A1; FR2599465A1; EP0301983A1; FR2618843A1; FR2590312A1; EP0770756A1; US5823732A; AT13586U1; US7827825B2; US11927052B2; US7988418B2; WO2004072424A1; WO2013056288A2; EP2796653A1; EP2796654A1; US10633200B2; DE202015009933U1; EP2959087B1

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