

Title (en)

APPARATUS FOR APPLYING THE RIBBON THAT FORMS THE SEALING JOINT BETWEEN THE PANES OF A RECTANGULAR OR SQUARE DOUBLE GLAZING

Publication

EP 0301983 B1 19900919 (FR)

Application

EP 88420268 A 19880727

Priority

FR 8711160 A 19870728

Abstract (en)

[origin: EP0301983A1] 1. A machine for placing the seal-forming strip between the two sheets of glass of rectangular or square double-glazing, of the type including, on the one hand, a fixed frame (2) supporting a plate (3) slightly rearwardly inclined with respect to the vertical, which is intended to support the first sheet of the glass (4) during application of the strip (6) and with which are associated lateral (59) and lower (61) reference abutments enabling the sheet to be correctly positioned and, on the other hand, a distribution head (5) for the strip (6) supporting three sets of rollers including a first set of presser rollers (31) having axes (31a) parallel to the plane of the plate (3) and intended to press the strip (6) against the first sheet (4) and bearing against the free face of the strip opposite to that applied against the sheet and at least one set of rollers (33a, 33b) for laterally guiding the strip (6), having axes perpendicular to the plane of the plate (3) and intended to guide the strip (6) by bearing against its two free opposite lateral faces and in which means are provided to cause relative movement between the sheet of glass (4) and the distribution head (5) such that the distribution head (5) passes successively along the four sides of the periphery (29) of the internal face of the sheet of glass (4), characterised in that means are provided for controlling the movements of the distribution head (5) perpendicular to the plane of the plate (3), in a direction of movement away from the plate (3) when, following the relative movements of the sheet of glass (4) and the carriage (7) supporting the head (5), this latter passes at right angles to the first end (6b) of the strip (6) applied against the first sheet of glass (4) and in the opposite direction until it is returned to its position in which it applies the strip (6) against the first sheet of glass (4) immediately after the passing of this first end (6b) of the strip (6).

IPC 1-7

E06B 3/66

IPC 8 full level

E06B 3/66 (2006.01); **E06B 3/673** (2006.01)

CPC (source: EP)

E06B 3/6733 (2013.01); **E06B 2003/67378** (2013.01)

Cited by

EP0770754A1; EP2492221A1; ITTO20110151A1; EP0770755A1; US5779830A; US2012085499A1; US9103162B2; US11352831B2; WO9207161A1; WO9822687A1

Designated contracting state (EPC)

AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0301983 A1 19890201; **EP 0301983 B1 19900919**; AT E56783 T1 19901015; DE 3860655 D1 19901025; ES 2017798 B3 19910301; FR 2618843 A1 19890203; FR 2618843 B1 19891201

DOCDB simple family (application)

EP 88420268 A 19880727; AT 88420268 T 19880727; DE 3860655 T 19880727; ES 88420268 T 19880727; FR 8711160 A 19870728