

Title (en)

Method and apparatus for dispensing desiccant materials into window spacer frames.

Title (de)

Verfahren und Vorrichtung zum Einbringen von Trocknungsmaterialien in Fensterabstandsrahmen.

Title (fr)

Méthode et dispositif pour remplir des matières dessicatives dans cadres d'espacement de fenêtre.

Publication

**EP 0425256 A2 19910502 (EN)**

Application

**EP 90311632 A 19901023**

Priority

US 42500689 A 19891023

Abstract (en)

A method and apparatus for simultaneously filling adjacent sides of a window spacer frame (F) with a desiccant material (D) is characterized by a fill head (18) having a discharge port (56) in communication with a desiccant chamber (20), a releasable clamping device (46,47,49) for clamping the open ends of the adjacent sides in alignment with the discharge port (56), and the pressurization of the chamber (20) with air to force the desiccant material (D) through the discharge port (56) for a time interval (T) necessary to fill the sides of the spacer frame (F). An air conveyor (25) is provided to induce the flow of desiccant material (D) from a reservoir (24) for the purpose of periodically refilling the desiccant chamber (20) when empty, and a filter system (26,29) in the air conveyor (25) will separate the desiccant material from the air stream while permitting the air stream to be exhausted to atmosphere during the filling operation. <IMAGE>

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