



US005098734A

United States Patent [19]

[11] Patent Number: **5,098,734**

O'Dea et al.

[45] Date of Patent: **Mar. 24, 1992**

[54] CONTROL SYSTEM FOR MOISTENER

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[21] Appl. No.: **606,255**

[22] Filed: **Oct. 31, 1990**

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Related U.S. Application Data

[62] Division of Ser. No. 291,088, Dec. 28, 1988, Pat. No. 5,007,371.

[51] Int. Cl.⁵ **B05C 1/02; B05B 12/00**

[52] U.S. Cl. **427/8; 118/680; 118/712; 118/324; 427/285; 427/424**

[58] Field of Search **427/8, 285, 424; 118/680, 712, 323, 324; 156/442.2**

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[57] ABSTRACT

A moistening arrangement for moistening the flaps of envelopes comprising a guide path for guiding envelopes, a moistener, an arrangement for moving the moistener transversely of the guide path, a first drive for moving envelopes at a first speed onto the guide path, a detector for detecting the first speed, and a second drive for moving envelopes away from the guide path at a second speed. The first and second drives are spaced apart a distance less than the lengths of the envelopes. A sensor arrangement senses the widths of the flaps of envelopes at a determined position between the first and second drives, and a control arrangement is provided for controlling the position of the moistener as a function of the speed of an initial portion of the envelope, and as a function of the speed of a final portion of the envelope.

1 Claim, 10 Drawing Sheets

