

Title (en)

Labeling apparatus for attaching a label onto a predetermined position on articles.

Title (de)

Etikettiermaschine, um Etiketten in einer bestimmten Stellung auf Gegenstände aufzubringen.

Title (fr)

Etiqueteuse par appliquer des étiquettes dans une position déterminée sur des articles.

Publication

EP 0339615 A1 19891102 (EN)

Application

EP 89107568 A 19890426

Priority

JP 10357188 A 19880426

Abstract (en)

A labeling system including a means to compensate for positional shifts of articles to be labeled is provided. This system includes a labeling drum for providing a label to a vessel such as a bottle, a sensor means for sensing a vessel and/or the angular position thereof on a conveyer, and a controller for controlling the labeling drum to adjust for a degree of shift between a given labeling area on the vessel and a corresponding labeling head provided on a labeling drum. A sensor means is provided at a side of the vessel conveyer and provides a signal at every passage of a vessel to a controller. The controller determines the angular position of the labeling drum in response to the signal output from the sensor means by calculating a shift parameter to align a given labeling area of a vessel with the corresponding labeling head of the labeling drum and provides pulse signals corresponding to the shift parameter to a servo motor connected to the labeling drum. The servo motor drives the labeling drum so as to advance or retard the rotation thereof to insure alignment between the labeling head and the given labeling area of the vessel.

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CPC (source: EP)

B65B 57/10 (2013.01); **B65C 9/42** (2013.01)

Citation (search report)

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