

Title (en)

METHOD AND APPARATUS FOR THE ORDERLY INTRODUCTION OF ARTICLES, PARTICULARLY PRALINES, INTO PACKAGING CONTAINERS

Publication

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Application

EP 84104796 A 19840428

Priority

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Abstract (en)

[origin: US4630428A] Small articles, particularly chocolate and candies, are placed in predetermined positions in a receiver, such as deep-drawn compartmented boxes. The articles (1) are assigned coordinate positions (90) in the receiver, in X-Y coordinate system. The receivers (2) are transported at a predetermined, preferably speed passed an insertion station, where the articles are moved in a predetermined insertion path (47) transversely to the X direction of movement of the receivers. The movement of the articles and the transport speed of the receivers are synchronized. To permit placement of the articles at selected X coordinate positions, a temporal phase shift is introduced between the movement of the articles in the insertion path and the transport speed of the receivers, for example by changing the position of a cross gear in a differential. The insertion path in the Y direction is predetermined by guide tracks (14, 15) which is shifted bodily in the Y direction by a positioning motor (60, 61). The insertion units can be made narrow to place a number of them adjacent the transport path.

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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