

Title (en)

Apparatus and method for packing substantially spherical articles in boxes or cases.

Title (de)

Vorrichtung und Verfahren zum Verpacken von runden Gegenständen in Schachteln oder Kästen.

Title (fr)

Dispositif et procédé pour emballer des articles sphériques dans des boîtes ou des caisses.

Publication

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Application

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Priority

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Abstract (en)

A method and apparatus for filling boxes or cases with layers stacked on top of each other and formed from substantially spherical articles arranged in a desired pattern. The apparatus comprises feed means, pattern forming means (2) for forming an article layer arranged in a desired pattern, pick-up means (4) for picking up the article layer as a whole and placing it in a box or case (5), the pattern forming means comprising a plurality of parallel paths (2a-2e), each path, adjacent to the in-feed side of the pattern forming means, comprising a conveyor track (6a-6e) whose discharge side connects to a series of rotatable, hourglass-shaped rollers (7), arranged behind each other and spaced apart at a pitch distance such that between two successive rollers a nest is present capable of receiving one article, the conveyor tracks and the hourglass-shaped rollers of each path being drivable independently of the conveyor tracks and rollers located in the other paths. <IMAGE>

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Citation (search report)

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