

Title (en)

METHOD AND APPARATUS FOR COLLECTING ARTICLES IN A PACKAGING MACHINE

Publication

EP 0003573 A3 19790905 (DE)

Application

EP 79100309 A 19790202

Priority

DE 2806263 A 19780215

Abstract (en)

[origin: US4258526A] Slides 12 previously filled with cigarettes are inserted into opened rectangular sleeves 11 by introducing the slides and sleeves into respective radial pockets of adjacent coaxial turrets 19, 20 of equal diameter and rotating at the same speed, and then pushing the slides into the sleeves by cam controlled rams 23. The flattened sleeves are initially fed to the underside of turret 20 and lifted by rocker 16 against suction holders 22 of the turret pockets, whereafter they are opened or erected by an overfolding and release sequence during the rotation of the turret. The slides are brought in on a linear conveyor 15, elevated into pockets 61 of a radially armed transfer apparatus 13 by a lifter 83, and thereafter tangentially delivered into the pockets of turret 19 for engagement by the fixed and pivotal pocket side walls 24, 25. The insertion of the slides into the sleeves is facilitated by four pivotal and axially movable guides 52 provided at the entry corners of each sleeve.

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IPC 8 full level

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CPC (source: EP US)

B65B 19/18 (2013.01 - EP US); **B65B 19/20** (2013.01 - EP US); **B65B 19/225** (2013.01 - EP US)

Citation (search report)

- DE 2244533 A1 19740404 - HAUNI WERKE KOERBER & CO KG
- [A] DE 2308714 A1 19730830 - HAUNI WERKE KOERBER & CO KG
- [A] CH 139969 A 19300515 - AMERICAN MACH & FOUNDRY [US]

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CN104229179A; EP0299288A3; EP0858948A1; US5946885A; EP0761539A1; JPH09165007A; US5758468A; CN1071235C

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