Title (en)

SEGMENTED VACUUM TRANSFER CYLINDER

Title (de)

SEGMENTIERTER VAKUUMSTRANSFERZYLINDER

Title (fr)

CYLINDRE SEGMENTÉ DE TRANSFERT DE VIDE

Publication

EP 3919397 B1 20240410 (DE)

Application

EP 21160908 A 20210305

Priority

DE 102020206858 A 20200602

Abstract (en)

[origin: CN216270318U] The utility model relates to a labeling unit and a labeling machine which are used for applying labels to containers. The utility model relates to a labeling unit (1) for applying labels to containers, comprising an unwinding device (4) for a label tape (2), at least one cutting rotor (5) for cutting the label tape into individual labels (20a, 20b, 20c), and at least one vacuum transfer cylinder (6) for transferring the labels (20a, 20b, 20c) onto the containers (3), and is characterized in that the vacuum transfer cylinder (6) comprises a plurality of replaceable replacement sections (6a, 6b, 6c, 6d), the utility model relates to a label strip (2) comprising a plurality of replacement sections (6a, 6b, 6c, 6d), on the outer contour surface of which labels can be transported, the replacement sections (6a, 6b, 6c, 6d) being arranged between slats (8a, 8b, 8c, 8d) which are rigidly connected to a vacuum transfer cylinder (6), and the slats (8a, 8b, 8c, 8d) being designed to cut the cutting surface of the label strip (2) in cooperation with a cutting roller (5).

IPC 8 full level

B65C 9/18 (2006.01)

CPC (source: EP)

B65C 9/1819 (2013.01); B65C 2009/1838 (2013.01)

Citation (examination)

- US 3905859 A 19750916 - PATTERSON RICHARD A
- WO 9819916 A1 19980514 - CARMICHAEL SCOTLAND LIMITED [GB], et al

Cited by

WO2024110836A1; WO2024067969A1

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DOCDB simple family (application)

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