

Title (en)

MACHINE FOR LABELLING CONTAINERS, ESPECIALLY BOTTLES

Publication

**EP 0097962 A3 19850508 (DE)**

Application

**EP 83106315 A 19830629**

Priority

- DE 3231346 A 19820824
- DE 8218679 U 19820630

Abstract (en)

[origin: EP0097962A2] The machine comprises a rectilinear, first conveying section having a predetermined conveying speed for the containers at the inlet, at least one labelling station provided on the first conveying section, which station applies labels to the passing containers at a transfer region of the first conveying section, a star wheel, which adjoins the first conveying section, revolves about a vertical axis and is provided with pockets open to the side for accommodating a container in each case, and also a guiding arch partially enclosing the star wheel, the star wheel and guiding arch forming a circular second conveying section. The invention is distinguished in that a worm conveyor driven rotationally about a horizontal axis is provided to the side of the first conveying section, which conveyor forms a spiral bearing surface for the containers which extends into the first conveying section, in that the pitch of the spiral bearing surface, and thus the conveying speed of the worm conveyor, increase relative to the end of the worm conveyor facing the star wheel, and in that the speed of rotation of the worm conveyor and also the pitch of the bearing surface are so chosen that the conveying speed of the first conveying section and the conveying speed of the worm conveyor are approximately identical at the transfer region. <IMAGE>

IPC 1-7

**B65C 3/16**; **B65C 9/02**

IPC 8 full level

**B65C 3/16** (2006.01); **B65C 9/02** (2006.01)

CPC (source: EP)

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Citation (search report)

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