

Title (en)

CONTAINER-DISCHARGING DEVICE, ESPECIALLY FOR BOTTLES

Publication

**EP 0427148 A3 19920812 (DE)**

Application

**EP 90121061 A 19901102**

Priority

DE 3936874 A 19891106

Abstract (en)

[origin: EP0427148A2] A discharging device for containers, in particular for bottles, for use in container cleaning machines, has a plurality of slide guides which each form a convexly curved support and slide surface for the containers, and with which in each case at least one pick-up finger is associated, which finger forms together with a pick-up end protruding beyond the respective slide surface a support surface for the bottom of a container when it is lowered along the corresponding slide guide onto a deposit surface. Each slide guide consists of an upper and lower section, only the lower section of which being movable in order to push over the containers from the deposit surface onto an adjacent transporter between an initial position and a push-over position. As a result, even with high machine powers, reliable pushing-over of the containers is ensured without the risk of the containers falling over.

IPC 1-7

**B08B 9/20**

IPC 8 full level

**B08B 9/20** (2006.01)

CPC (source: EP)

**B08B 9/205** (2013.01)

Citation (search report)

- [X] DE 1221570 B 19660721 - ORTHMANN & HERBST
- [A] FR 1414940 A 19651022 - CHELLE ETS

Cited by

DE102015108391A1

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

**EP 0427148 A2 19910515; EP 0427148 A3 19920812;** DE 3936874 A1 19910508; DE 3936874 C2 20020620

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**EP 90121061 A 19901102;** DE 3936874 A 19891106