

Title (en)

CONTAINER TREATMENT DEVICE FOR PACKAGING MANUFACTURING LINE, PACKAGING MANUFACTURING LINE FOR CONTAINERS COMPRISING SUCH TREATMENT DEVICE AND METHOD FOR TREATING CONTAINERS IN A PACKAGING MANUFACTURING LINE

Title (de)

BEHÄLTERBEHANDLUNGSVORRICHTUNG FÜR EINE VERPACKUNGSHERSTELLUNGSLINIE, VERPACKUNGSHERSTELLUNGSLINIE FÜR BEHÄLTER MIT EINER SOLCHEN BEHANDLUNGSVORRICHTUNG UND VERFAHREN ZUR BEHANDLUNG VON BEHÄLTERN IN EINER VERPACKUNGSHERSTELLUNGSLINIE

Title (fr)

DISPOSITIF DE TRAITEMENT DE RÉCIPIENTS D'EMBALLAGE DE LIGNE DE FABRICATION, LIGNE DE FABRICATION D'EMBALLAGE POUR RÉCIPIENTS COMPRENANT UN TEL DISPOSITIF DE TRAITEMENT ET PROCÉDÉ DE TRAITEMENT DE RÉCIPIENTS DANS UNE LIGNE DE FABRICATION D'EMBALLAGE

Publication

EP 4019240 A1 20220629 (EN)

Application

EP 21215018 A 20211216

Priority

IT 202000031844 A 20201222

Abstract (en)

A container treatment device (9) for a packaging manufacturing line (1) comprises at least one pushing head (10), configured to contact a portion of the container structure not retained (104) by a respective retaining structure (3), movable between a plurality of active positions, in which the active positions of the plurality of active positions follow one another along a direction of advancement (B), in which in each active position of the plurality of active positions the pushing head (10) is arranged at a predetermined distance from a reference plane (R), in which the predetermined distances of the pushing head (10) from the reference plane (R) progressively decrease along the direction of advancement (B) and in which the pushing head (10) has the same spatial orientation with respect to the reference plane (R) in the transition between an active position and the successive active position along the direction of advancement (B).

IPC 8 full level

B31B 50/00 (2017.01); **B31B 50/78** (2017.01); **B65B 35/20** (2006.01); **B65B 43/41** (2006.01)

CPC (source: EP)

B31B 50/004 (2017.07); **B65B 43/41** (2013.01); **B31B 50/784** (2017.07); **B31B 2120/60** (2017.07); **B65B 35/205** (2013.01)

Citation (applicant)

WO 2019116194 A1 20190620 - GD SPA [IT]

Citation (search report)

- [X] EP 1050471 A2 20001108 - IWK VERPACKUNGSTECHNIK GMBH [DE]
- [XYI] US 4922688 A 19900508 - LANGEN MARINUS J M [CA], et al
- [X] US 4871070 A 19891003 - LANGEN MARINUS J M [CA], et al
- [X] WO 0064740 A2 20001102 - MEAD CORP [US], et al
- [Y] CN 105966672 A 20160928 - JOYEA CORP

Designated contracting state (EPC)

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Designated extension state (EPC)

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