

Title (en)

A unit for treating containers and a method for the reconfiguration of a unit for treating containers

Title (de)

Einheit zum Behandeln von Behältern und Verfahren für die Neukonfiguration einer Einheit zum Behandeln von Behältern

Title (fr)

Unité de traitement de récipients et procédé pour la reconfiguration d'une unité de traitement de récipients

Publication

EP 2727660 A1 20140507 (EN)

Application

EP 12425178 A 20121105

Priority

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Abstract (en)

A unit (100') for treating containers (101), comprising at least one station (103) with a bath (103B) for a treating medium, the bath (103B) being defined by non-deformable walls (103W) and comprising a horseshoeshaped recess (110) for lodging a first driving wheel (109B) of transport means (106) adapted to advance containers (101) along a path (P) across the bath (103B); the U-shaped recess (110) comprising a semicircular portion (111) with diameter D SC ; the transport means (106) comprising at least a second driving wheel (109A) arranged downstream of said first driving wheel (109B) with respect to a direction of advancement of said containers (101) along said container path (P); the at least one first driving wheel (109B) having a diameter D B substantially equal to the diameter D SC of the semicircular portion (111) and smaller than the diameter D A of the at least one second driving wheel (109A); the at least one first driving wheel (109B) being borne by a driving shaft (112B) having a diameter d B smaller than the diameter d A of a driving shaft (112A) of the at least one second driving wheel (109A); the difference (D SC - d B) substantially matching the difference (D A - d A) and twice the height (H) of the containers (101) to be treated.

IPC 8 full level

B08B 9/42 (2006.01)

CPC (source: EP)

B08B 9/42 (2013.01)

Citation (search report)

- [A] FR 356111 A 19051121 - HENRI THIRION [FR]
- [A] US 1761450 A 19300603 - MCKECHNIE ROBERT B
- [A] WO 9934938 A1 19990715 - DISPENSING CONTAINERS CORP [US]
- [A] DE 946603 C 19560802 - EICKHOFF GEB

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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