

Title (en)

FILLING APPARATUS FOR CONTAINERS AND A PROCESS FOR SANITISING FILLING DEVICES FOR CONTAINERS

Title (de)

FÜLLVORRICHTUNG FÜR BEHÄLTER UND VERFAHREN ZUR DESINFEKTION VON FÜLLVORRICHTUNGEN FÜR BEHÄLTER

Title (fr)

APPAREIL DE REMPLISSAGE POUR RÉCIPIENTS ET PROCÉDÉ DE DÉSINFECTION DES APPAREILS DE REMPLISSAGE POUR RÉCIPIENTS

Publication

EP 4071103 A1 20221012 (EN)

Application

EP 22157828 A 20220221

Priority

IT 202100008711 A 20210407

Abstract (en)

A filling apparatus (10) for containers (100), comprising:- a plurality of filling devices (1), each of which comprises a dispensing nozzle for dispensing (2) a fluid;- a plurality of dummy bottle prints (11), each dummy bottle print (11) being associated with one of the filling devices (1) and being movable at least between a first position, in which it is located below the corresponding dispensing nozzle (2), and a second position, in which it is moved away from the dispensing nozzle (2);- confining means (30) bounding an environment (31) in which the prints (11) are located;- a discharge conduit (12) comprising a plurality of conduits (13), which is configured to place the dummy bottle prints (11) in fluid communication with the environment (31) in which they are located.

IPC 8 full level

B67C 3/00 (2006.01)

CPC (source: EP)

B67C 3/004 (2013.01); **B67C 2003/228** (2013.01)

Citation (applicant)

- EP 0780338 A1 19970625 - PROCOMAC SPA [IT]
- EP 2409948 A2 20120125 - KRONES AG [DE]

Citation (search report)

- [A] EP 2847123 B1 20160217 - KHS GMBH [DE]
- [A] EP 2900590 B1 20170830 - KHS GMBH [DE]
- [A] US 2020048064 A1 20200213 - HAYAKAWA ATSUSHI [JP], et al
- [AD] EP 2409948 B2 20200930 - KRONES AG [DE]
- [A] EP 2722303 B1 20160323 - KRONES AG [DE]

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

DOCDB simple family (publication)

EP 4071103 A1 20221012; EP 4071103 B1 20230329; HU E061865 T2 20230828; IT 202100008711 A1 20221007

DOCDB simple family (application)

EP 22157828 A 20220221; HU E22157828 A 20220221; IT 202100008711 A 20210407