

Title (en)

POSITIONING DEVICE FOR THE RELATIVE POSITIONING OF A CONTAINER TO BE TREATED AND A TREATMENT APPARATUS IN A CONTAINER TREATMENT FACILITY

Title (de)

POSITIONIERVORRICHTUNG ZUR RELATIVPOSITIONIERUNG EINES ZU BEHANDELNDEN BEHÄLTERS UND EINER BEHANDLUNGSEINRICHTUNG IN EINER BEHÄLTERBEHANDLUNGSANLAGE

Title (fr)

DISPOSITIF DE POSITIONNEMENT POUR LE POSITIONNEMENT RELATIF D'UN RÉCIPIENT À TRAITER ET D'UN DISPOSITIF DE TRAITEMENT DANS UNE INSTALLATION DE TRAITEMENT DE RÉCIPIENTS

Publication

EP 3678985 A1 20200715 (DE)

Application

EP 18769968 A 20180910

Priority

- DE 102017120744 A 20170908
- EP 2018074265 W 20180910

Abstract (en)

[origin: WO2019048661A1] The present invention relates to a positioning device (1) for the relative positioning of a container to be treated and a treatment member in a container treatment facility, comprising a positioning cylinder (2) and a piston (3) accommodated in the positioning cylinder (2), which piston is connected to a piston rod (4), a pressure chamber (20) being formed between the piston (3) and positioning cylinder (2), on which piston a working medium can act, and a locking mechanism (5) for locking the position of the positioning cylinder (2) relative to the piston rod (4), the locking mechanism (5) being accommodated in the piston rod (4).

IPC 8 full level

B67C 3/24 (2006.01)

CPC (source: EP)

B67C 3/244 (2013.01)

Citation (search report)

See references of WO 2019048661A1

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)

WO 2019048661 A1 20190314; CN 111212809 A 20200529; CN 111212809 B 20220531; DE 102017120744 A1 20190314; EP 3678985 A1 20200715; EP 3678985 B1 20230301; SI 3678985 T1 20230428

DOCDB simple family (application)

EP 2018074265 W 20180910; CN 201880067275 A 20180910; DE 102017120744 A 20170908; EP 18769968 A 20180910; SI 201830879 T 20180910