

Title (en)
TREATMENT STATION AND METHOD FOR TREATING WORKPIECES

Title (de)
BEHANDLUNGSSTATION UND VERFAHREN ZUM BEHANDELN VON WERKSTÜCKEN

Title (fr)
POSTE DE TRAITEMENT ET PROCÉDÉ DE TRAITEMENT DE PIÈCES

Publication
EP 4175763 A1 20230510 (DE)

Application
EP 21749080 A 20210630

Priority
• DE 102020208244 A 20200701
• DE 2021100551 W 20210630

Abstract (en)
[origin: CN113877867A] The invention relates to a treatment station and method for treating workpieces, which allow optimum treatment of the workpieces. The treatment station includes a treatment chamber that can be flooded for workpiece treatment. The invention relates to a treatment station for workpiece treatment, particularly vehicle body cleaning and/or coating treatment, wherein the treatment station comprises a treatment vessel, the treatment vessel encloses the treatment chamber for receiving a workpiece. The treatment chamber can be flooded with fluid. The treatment vessel includes at least one passage opening used for bringing a workpiece into the treatment chamber and/or taking the workpiece out of the treatment chamber, and the treatment vessel includes a closing device used for optionally closing and releasing the at least one passage opening.

IPC 8 full level
B05C 3/09 (2006.01); **B05C 3/109** (2006.01); **B08B 3/04** (2006.01); **B65G 49/02** (2006.01); **C25D 13/22** (2006.01); **C25D 17/02** (2006.01)

CPC (source: CN EP KR US)
B05C 3/09 (2013.01 - EP); **B05C 3/109** (2013.01 - EP KR US); **B05C 3/132** (2013.01 - KR); **B08B 3/022** (2013.01 - CN KR); **B08B 3/04** (2013.01 - EP KR); **B08B 13/00** (2013.01 - CN KR); **B65G 35/06** (2013.01 - EP KR); **B65G 49/02** (2013.01 - EP); **B65G 49/025** (2013.01 - EP KR US); **B65G 49/0454** (2013.01 - EP KR US); **C23C 22/07** (2013.01 - KR); **C23G 3/00** (2013.01 - KR); **C23G 5/04** (2013.01 - KR); **C25D 13/22** (2013.01 - CN KR); **C23C 22/07** (2013.01 - EP); **C23G 3/00** (2013.01 - EP); **C23G 5/04** (2013.01 - EP); **C25D 13/22** (2013.01 - EP)

Citation (search report)
See references of WO 2022002309A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102020208244 A1 20220105; CN 113877867 A 20220104; CN 216779589 U 20220621; DE 112021003527 A5 20230525; EP 4175763 A1 20230510; JP 2023532355 A 20230727; KR 20230033655 A 20230308; US 2023356256 A1 20231109; WO 2022002309 A1 20220106

DOCDB simple family (application)
DE 102020208244 A 20200701; CN 202110733977 A 20210630; CN 202121470116 U 20210630; DE 112021003527 T 20210630; DE 2021100551 W 20210630; EP 21749080 A 20210630; JP 2022581654 A 20210630; KR 20227046065 A 20210630; US 202118003438 A 20210630