

Title (en)

TREATMENT DEVICE AND METHOD FOR WORKPIECES, COMPRISING AN ELECTRIC TREATMENT UNIT

Title (de)

BEHANDLUNGSVORRICHTUNG UND VERFAHREN FÜR WERKSTÜCKE MIT EINER ELEKTRISCHEN BEHANDLUNGSEINHEIT

Title (fr)

DISPOSITIF DE TRAITEMENT ET PROCÉDÉ DE PIÈCES ÉQUIPÉ D'UNE UNITÉ DE TRAITEMENT ÉLECTRIQUE

Publication

EP 3145646 B1 20190306 (DE)

Application

EP 15724184 A 20150506

Priority

- DE 102014107063 A 20140519
- EP 2015059898 W 20150506

Abstract (en)

[origin: WO2015176954A1] The invention relates to a treatment device for workpieces, having the following: a treatment chamber (1); a shaft (2) which extends through a wall of the treatment chamber (1) into the treatment chamber and which is mounted in a rotatable manner; an electric treatment unit (3) which is secured to the shaft (2); and a power supply arrangement (6) with a first supply line (61), an electric coupling (63, 64), a second supply line (62), and an actuating unit (7). The electric coupling (63, 64) has a first coupling element (63), which is secured to the shaft (2) outside of the treatment chamber (1), and a second coupling element (64). The first supply line (61) connects the electric treatment unit (3) to the first coupling element (63), and the second supply line (62) is connected to the second coupling element (64). The actuating unit (7) is designed to actuate the coupling (63, 64) in order to bring the second coupling element (64) into contact with the first coupling element (63) or release the second coupling element (64) from the first coupling element (63).

IPC 8 full level

B08B 7/00 (2006.01); **B05B 13/04** (2006.01); **B05B 16/00** (2018.01); **B08B 3/02** (2006.01); **B08B 3/10** (2006.01); **B08B 3/12** (2006.01); **B08B 7/02** (2006.01); **B08B 7/04** (2006.01)

CPC (source: EP US)

B05B 13/0405 (2013.01 - EP US); **B05B 13/0421** (2013.01 - EP US); **B05B 13/0468** (2013.01 - EP US); **B05B 13/0489** (2013.01 - EP US); **B05B 16/00** (2018.01 - EP US); **B08B 3/024** (2013.01 - EP US); **B08B 3/10** (2013.01 - EP US); **B08B 3/108** (2013.01 - EP US); **B08B 3/12** (2013.01 - EP US); **B08B 5/02** (2013.01 - EP US); **B08B 7/0071** (2013.01 - EP US); **B08B 7/028** (2013.01 - EP US); **B08B 7/04** (2013.01 - EP US); **B08B 15/02** (2013.01 - US); **B05B 13/0442** (2013.01 - EP US); **B05B 13/0447** (2013.01 - EP US)

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

DOCDB simple family (publication)

DE 102014107063 A1 20151119; **DE 102014107063 B4 20170216**; EP 3145646 A1 20170329; EP 3145646 B1 20190306; US 10583470 B2 20200310; US 2017095847 A1 20170406; WO 2015176954 A1 20151126

DOCDB simple family (application)

DE 102014107063 A 20140519; EP 15724184 A 20150506; EP 2015059898 W 20150506; US 201515312512 A 20150506