Title (en)

TREATMENT SYSTEM AND METHOD FOR TREATING WORKPIECES

Title (de)

BEHANDLUNGSANLAGE UND VERFAHREN ZUM BEHANDELN VON WERKSTÜCKEN

Title (fr)

INSTALLATION DE TRAITEMENT ET PROCÉDÉ DE TRAITEMENT DES PIÈCES

Publication

EP 3730886 B1 20231129 (DE)

Application

EP 20179796 A 20161020

Priority

- DE 102015224916 A 20151210
- EP 16784891 A 20161020
- EP 2016075206 W 20161020

Abstract (en)

[origin: WO2017097483A1] The invention relates to a treatment installation that is simply constructed and enables energy-efficient treatment of workpieces, which treatment installation comprises the following: a treatment space, which comprises a plurality of treatment-space sections, each of which is associated with one of a plurality of separate circulating-air modules of the treatment installation; a heating installation, which comprises a heating gas conduit closed in itself, wherein a plurality of circulating-air modules are coupled to the heating gas conduit, in particular for the heating of the gas conducted through the treatment-space sections.

IPC 8 full level

F26B 21/04 (2006.01); **F26B 15/12** (2006.01); **F26B 23/02** (2006.01)

CPC (source: CN EP KR US)

B05D 3/0413 (2013.01 - CN); **F24H 3/087** (2013.01 - EP KR US); **F26B 15/12** (2013.01 - EP); **F26B 15/14** (2013.01 - KR US); **F26B 21/02** (2013.01 - KR US); **F26B 21/04** (2013.01 - EP US); **F26B 23/02** (2013.01 - EP KR US); **F26B 23/10** (2013.01 - KR); **F28D 7/0066** (2013.01 - EP US); F26B 2210/12 (2013.01 - EP KR US)

Citation (examination)

JP 4964556 B2 20120704

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 102015224916 A1 20170614; CN 108369065 A 20180803; CN 108369066 A 20180803; CN 116809351 A 20230929; CN 117804186 A 20240402; CN 117804187 A 20240402; CN 117824325 A 20240405; EP 3387354 A1 20181017; EP 3387354 B1 20210707; EP 3387355 A1 20181017; EP 3387355 B1 20210825; EP 3730884 A1 20201028; EP 3730884 B1 20230927; EP 3730885 A1 20201028; EP 3730885 B1 20230927; EP 3730886 A1 20201028; EP 3730886 B1 20231129; EP 3745066 A2 20201202; EP 3745066 A3 20210224; EP 4306889 A2 20240117; EP 4306889 A3 20240417; ES 2884305 T3 20211210; ES 2965861 T3 20240417; ES 2966617 T3 20240423; ES 2972104 T3 20240611; FI 3730884 T3 20231214; FI 3730885 T3 20231201; FI 3730886 T3 20240214; HU E055544 T2 20211228; HU E064175 T2 20240228; HU E064310 T2 20240328; HU E065167 T2 20240528; JP 2019505754 A 20190228; JP 6959233 B2 20211102; KR 20180091880 A 20180816; PL 3387354 T3 20220321; PL 3730884 T3 20240408; PL 3730885 T3 20240226; PL 3730886 T3 20240422; PT 3387354 T 20210730; PT 3730884 T 20231127; PT 3730885 T 20231120; PT 3730886 T 20240116; US 2018356154 A1 20181213; WO 2017097483 A1 20170615; WO 2017098056 A1 20170615

DOCDB simple family (application)

DE 102015224916 A 20151210; CN 201680071840 A 20161212; CN 201680071890 A 20161020; CN 202310629363 A 20161020; CN 202311669862 A 20161212; CN 202311670257 A 20161212; CN 202311673463 A 20161212; EP 16784891 A 20161020; EP 16819831 A 20161212; EP 2016075206 W 20161020; EP 2016080699 W 20161212; EP 20179791 A 20161020; EP 20179795 A 20161020; EP 20179796 A 20161020; EP 20182366 A 20161212; EP 23212266 A 20161020; ES 16784891 T 20161020; ES 20179791 T 20161020; ES 20179795 T 20161020; ES 20179796 T 20161020; FI 20179791 T 20161020; FI 20179795 T 20161020; FI 20179796 T 20161020; HU E16784891 A 20161020; HU E20179791 A 20161020; HU E20179795 A 20161020; HU E20179796 A 20161020; JP 2018529125 A 20161212; KR 20187019262 A 20161212; PL 16784891 T 20161020; PL 20179791 T 20161020; PL 20179795 T 20161020; PL 20179796 T 20161020; PT 16784891 T 20161020; PT 20179791 T 20161020; PT 20179795 T 20161020; PT 20179796 T 20161020; US 201616060821 A 20161212