

Title (en)

CLEANING INSTALLATION FOR INDUSTRIALLY MANUFACTURED COMPONENTS

Title (de)

REINIGUNGSANLAGE FÜR INDUSTRIELL GEFERTIGTE BAUTEILE

Title (fr)

INSTALLATION DE NETTOYAGE POUR DES PIÈCES FABRIQUÉES INDUSTRIELLEMENT

Publication

EP 2964399 A1 20160113 (DE)

Application

EP 14702591 A 20140204

Priority

- DE 202013100959 U 20130306
- EP 2014052088 W 20140204

Abstract (en)

[origin: WO2014135319A1] In order to keep the base area of a cleaning installation for industrially manufactured components as small as possible, provision is made for the process chambers (4, 5, 23) and the robot chamber (3) of the cleaning installation to be arranged on a base plate (7), wherein the base area (8) of the base plate (7) is larger than the common base area (9) of the process chambers (4, 5, 23) and robot chamber (3), and at least two spatially separate cavities (10, 11, 20) for receiving the process fluids are provided in the base plate (7), wherein the cavities (10, 11, 20) each extend at least partially beneath the process chambers (4, 5, 23) and at least partially outside the common base area (9) of the process chambers (4, 5, 23) and robot chamber (3), and at least one hydraulic component of a hydraulic circuit is arranged on the base plate (7) over at least one cavity (10, 11, 20).

IPC 8 full level

B08B 3/02 (2006.01); **B08B 3/04** (2006.01)

CPC (source: EP RU US)

B08B 3/02 (2013.01 - EP RU US); **B08B 3/022** (2013.01 - RU); **B08B 3/024** (2013.01 - EP RU US); **B08B 3/04** (2013.01 - EP RU US); **B08B 7/04** (2013.01 - RU); **B08B 13/00** (2013.01 - RU)

Citation (search report)

See references of WO 2014135319A1

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)

DE 202013100959 U1 20130313; CN 105209183 A 20151230; CN 105209183 B 20170623; EP 2964399 A1 20160113; EP 2964399 B1 20170503; ES 2636137 T3 20171005; HU E033393 T2 20171128; MX 2015011621 A 20160512; PL 2964399 T3 20171130; RU 2015142263 A 20170410; RU 2618816 C2 20170511; US 2016008854 A1 20160114; WO 2014135319 A1 20140912

DOCDB simple family (application)

DE 202013100959 U 20130306; CN 201480011650 A 20140204; EP 14702591 A 20140204; EP 2014052088 W 20140204; ES 14702591 T 20140204; HU E14702591 A 20140204; MX 2015011621 A 20140204; PL 14702591 T 20140204; RU 2015142263 A 20140204; US 201414772939 A 20140204