

Title (en)

TREATMENT UNIT AND ASSEMBLY FOR THE SURFACE TREATMENT OF OBJECTS

Title (de)

BEHANDLUNGSEINHEIT UND ANLAGE ZUR OBERFLÄCHENBEHANDLUNG VON GEGENSTÄNDEN

Title (fr)

UNITÉ DE TRAITEMENT ET INSTALLATION DE TRAITEMENT DES SURFACES D'OBJETS

Publication

EP 2595760 B1 20171115 (DE)

Application

EP 11734018 A 20110716

Priority

- DE 102010032144 A 20100724
- EP 2011003561 W 20110716

Abstract (en)

[origin: WO2012013306A1] A treatment unit (30) for the surface treatment, in particular painting, of articles, in particular of vehicle body parts, comprises at least one treatment cubicle (38), which defines a treatment space (42). The articles (12) can be conveyed into the treatment space (42) and out of it again by means of a conveying device (22). The conveying device (22) comprises a turning element (50) with a first and a second area (56, 58), which are arranged in such a way that, depending on the position of the turning element (50), the first or the second area (56, 58) bounds the treatment space (42), at least in certain regions. The turning element (50) bears on one area (58) a conveying robot (62), in particular a multiaxis conveying robot, by means of which at least one article (12) can be picked up and put down. An installation (10) for the surface treatment of articles (12) with at least one such treatment unit (30) is also specified.

IPC 8 full level

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CPC (source: EP)

B05B 13/0221 (2013.01); **B05B 13/0242** (2013.01); **B05B 16/90** (2018.01); **B05B 16/20** (2018.01); **B05B 16/40** (2018.01)

Citation (examination)

- GB 2411853 A 20050914 - RITEC INTERNAT LTD [GB]
- EP 2072145 A1 20090624 - SEHON TIEMO [DE], et al

Cited by

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