

Title (en)

TREATMENT UNIT, INSTALLATION AND METHOD FOR THE SURFACE TREATMENT OF ARTICLES

Title (de)

BEHANDLUNGSEINHEIT, ANLAGE UND VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG VON GEGENSTÄNDEN

Title (fr)

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

Publication

EP 2699359 B1 20181003 (DE)

Application

EP 12715589 A 20120405

Priority

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- EP 2012001508 W 20120405

Abstract (en)

[origin: WO2012143093A1] A treatment unit for the surface treatment, in particular painting, of articles, in particular of vehicle body parts, comprises at least one treatment chamber (16) and a conveying system (52), by means of which articles (14) to be treated can be conveyed into the treatment chamber (16), along a conveying path (70, 72, 74, 76, 102, 104) through the treatment chamber (16) and back out of the treatment chamber (16). Each article (14) in each position on the conveying path (70, 72, 74, 76, 102, 104) prescribes a conveying direction (78) tangential to the conveying path (70, 72, 74, 76, 102, 104). An application system (42) comprises at least one multiaxis application robot (44, 46), which takes along with it an application device and can be made to move along a robot path of movement (60, 62, 88, 90). The conveying system (52) and the application system (42) are set up in such a way that the at least one application robot (44, 46) can be made to move in relation to the conveying direction (78) of an article (14) optionally with a movement component parallel to the conveying direction (78) of the article (14) and/or a movement component perpendicular to the conveying direction (78) of the article (14). An installation and a method for the surface treatment of articles are also provided.

IPC 8 full level

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