

Title (en)  
COATING ZONE WITH INCLINED GUIDE RAILS

Title (de)  
BESCHICHTUNGSZONE MIT GENEIGTEN FÜHRUNGSSCHIENEN

Title (fr)  
ZONE DE REVÊTEMENT DOTÉE DE RAILS DE GUIDAGE INCLINÉS

Publication  
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Application  
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Abstract (en)  
[origin: US2010251963A1] In a painting booth (1) for the series coating of application objects, such as vehicle bodies (2) or the add-on parts thereof, painting and/or handling robots (11) are moveable on guide rails (10) arranged above the conveyor (3) of the objects (2) and in particular arranged approximately level with their upper side or thereabove. According to a first aspect of the invention, the guide rail (10) and the basic body (51) of the robot (11), which basic body is guided by the guide rail, are arranged in such a manner that the first axis (A1) of the robot is inclined in relation to the vertical plane which is parallel to the conveying direction. According to a second aspect of the invention, the guide rail (10) is arranged at an inclination or tiltably with respect to a vertical plane which is parallel to the conveying direction.

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