

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

**EP 2160253 B1 20110504 (DE)**

Application

**EP 08759322 A 20080623**

Priority

- EP 2008005061 W 20080623
- DE 202007008852 U 20070625

Abstract (en)

[origin: US8544409B2] A coating zone comprises a conveyor for transporting an application object. At least one guide rail extends through the coating zone adjacent the conveyor, arranged above the conveyor at a height at least at the level of the top of the object. At least one robot may move along the conveyor on the guide rail, the robot having a first axis for joint rotation of at least one moving member of the robot in relation to a main body guided along the guide rail. A load-bearing structure supports the at least one guide rail, the load-bearing structure including at least one load-bearing pillar extending substantially vertically downwards from the level of the guide rail. The guide rail and the main body of the robot are arranged in such a way that the first axis of the robot is inclined relative to a vertical plane parallel to the conveying direction.

IPC 8 full level

**B05B 13/04** (2006.01)

CPC (source: EP US)

**B05B 13/0452** (2013.01 - EP US); **B05B 16/40** (2018.02 - EP US); **B05B 16/60** (2018.02 - EP US); **B05B 13/0431** (2013.01 - EP US)

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