

Title (en)

SYSTEM FOR COATING, IN PARTICULAR FOR PAINTING, ARTICLES, IN PARTICULAR VEHICLE BODIES

Title (de)

ANLAGE ZUM BESCHICHTEN, INSBESONDERE ZUM LACKIEREN, VON GEGENSTÄNDEN, INSBESONDERE VON FAHRZEUGKAROSSERIEN

Title (fr)

INSTALLATION POUR APPLIQUER UN REVÊTEMENT, NOTAMMENT UNE PEINTURE SUR DES OBJETS, NOTAMMENT DES CARROSSERIES DE VÉHICULES

Publication

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Application

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Abstract (en)

[origin: WO2012163491A1] The invention relates to a system for coating articles (4) which in known manner comprises a coating booth (1), a conveyor system (5), which guides the articles (4) to be coated through the coating booth (2), and at least one application unit (8, 9), which is carried and guided by a handling device (6, 7). A central supply unit (14) comprises a tank (14b) for storing CO₂ in liquid or solid form and conveying means, which are able to remove CO₂ from the tank (14b) and supply it at a suitable pressure to a collecting line (13). Said collecting line (13) is connected to at least one cleaning apparatus (10, 11), which in turn comprises at least one nozzle of suitable design for delivering CO₂ for cleaning purposes. Under program control a relative movement between the nozzle and the application unit (8, 9) is induced, such that all surfaces of the application unit (8, 9) to be cleaned can be reached by CO₂. In this manner a complete automation of the cleaning of the outer surfaces of the application unit (8, 9) and optionally adjacent regions of the handling device (6, 7) is possible.

IPC 8 full level

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