

Title (en)

PLANT FOR COATING OBJECTS WITH FREQUENTLY CHANGING COLOURS

Title (de)

BESCHICHTUNGSANLAGE ZUM BESCHICHTEN VON GEGENSTÄNDEN MIT HÄUFIG WECHSELNDEM FARBMATERIAL

Title (fr)

INSTALLATION DE REVETEMENT POUR RECOUVRIR DES OBJETS D'UN MATERIAU COLORANT, A CHANGEMENT FREQUENT DE MATERIAUX COLORANTS

Publication

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Application

EP 97921746 A 19970424

Priority

- DE 19616668 A 19960426
- EP 9702102 W 19970424

Abstract (en)

[origin: DE19616668A1] A plant is disclosed for coating objects (6), in particular car bodies, with frequently changing colours (19). A cartridge sorting and storing rack (5) is disclosed in which a plurality of colour cartridges (12, 13, 18) with similar and different colours are stored at certain locations in the rack. These colour cartridges (12, 13) are fetched by means of a controller out of the cartridge sorting and storage rack, depending on the colour nuance desired for the object being painted, and supplied to conveyor means. The conveyor means preferably consists of a ring-shaped, tubular system in which full cartridges (13) are conveyed to a docking station (8) and applicator and back, as in a pneumatic tube conveyor. Unlike conventional ring-shaped conveyor systems with colour exchange valves, this system allows almost any number of colour nuances to be made available with a relatively low constructive outlay of the applicator (9). The costly cleaning of the cartridge transport paths when changing colours may be dispensed with.

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