Title (en)

DEVICE FOR THE ELECTROSTATIC-COATING OF FLAT OBJECTS

Publication

EP 0297422 B1 19910130 (DE)

Application

EP 88109966 A 19880623

Priority

DE 3721404 A 19870629

Abstract (en)

[origin: JPS6418462A] PURPOSE: To enable good grounding and sure mounting by two holding elements that mounting elements possess, confining the one edge of respective plate-like material into the middle of the holding elements over the greater part of the length thereof and constituting the holding elements of conductive materials. CONSTITUTION: This device is provided with a conveyor 3 for transporting the plate-like material 1 through a coating area. The conveyor 3 is provided with the mounting elements for holding the material 1 and simultaneously grounding the material 1. Each mounting element is provided with the two holding elements 40, 41 These holding elements confine the edges of the material 1 into the middle of the holding elements for at least the greater part of the overall length of the material 1 and are composed of the conductive materials. For example, the material of the conveyor is adequately a belt of silicone synthetic rubber coated with a layer of polytetrafluoroethylene and carbon particles are merely necessitated to be mixed therewith in order to impart electrical conductivity thereto. Consequently, the good grounding and simultaneously the sure mounting are made possible.

IPC 1-7

B05B 5/08

IPC 8 full level

B05B 5/08 (2006.01); **B05C 13/00** (2006.01)

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