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[54] SPRAY BOOTH FOR POWDER COATING

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[58] Field of Search **427/180, 345, 427/478, 421, 350; 118/309, 312, 326**

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[57] ABSTRACT

A spray booth for use in the spray coating of articles with coating powder. The spray booth forms a coating space which at a bottom is bounded by powder collection means. The powder collection means is divided into an inner collection means and a surrounding outer collection means for the separate collection of surplus powder and the separate removal of the entire surplus powder from the booth. The outer collection means collects surplus coating powder dropping off the inside surfaces of the booth walls. Since this powder may be contaminated with different color or different types of powder from previous spraying operations, it is discarded as waste. The inner collection means collects pure surplus powder which has not touched the booth wall surfaces. This pure surplus powder is recycled.

13 Claims, 4 Drawing Sheets

