

Title (en)

Method for reducing ambient influences on the powder coating of objects, and apparatus for powder coating.

Title (de)

Verfahren zur Reduzierung von Umgebungseinflüssen auf die Pulverbeschichtung eines Werkstückes und Pulverbeschichtungsanlage.

Title (fr)

Procédé pour réduire les influences ambiantes sur le revêtement par pulvérisation d'un objet et appareil pour le revêtement par pulvérisation.

Publication

EP 0321693 B1 19940727 (DE)

Application

EP 88118916 A 19881114

Priority

DE 3743864 A 19871223

Abstract (en)

[origin: EP0321693A2] On a powder coating apparatus in which powder is issued from a feed line (11) towards a workpiece, such as a tin can blank (51) and excess powder is sucked back by means of extraction lines (29, 25), a conditioning chamber (21) is arranged around the coating zone (15) in order to ensure that the issued powder is not contaminated by being influenced by the surroundings (U). An air stream (S), produced from openings (23) of the chamber (21) is provided in order to direct the tin can blanks (51) into and through the chamber (21). As a result, costly powder reprocessing systems for sucked-back and reapplied powder are superfluous and, nevertheless, the powder can be used to an optimum degree in a closed circuit. <IMAGE>

IPC 1-7

B05B 15/12; **B05B 7/14**; **B05B 5/16**; **B05C 19/00**; **B05D 3/00**

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- CH 603249 A5 19780815 - HERO CONSERVEN
- US 4205621 A 19800603 - PAYNE ROBERT D [US], et al
- EP 0268126 A1 19880525 - PRAEZISIONS WERKZEUGE AG [CH]

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DOCDB simple family (application)

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