

Title (en)
Booth for powder coating of workpieces

Title (de)
Kabine für Pulverbeschichtung von Werkstücken

Title (fr)
Cabine de poudrage de pièces

Publication
EP 1125639 B1 20040922 (DE)

Application
EP 00105655 A 20000317

Priority
IT MI20000091 A 20000125

Abstract (en)
[origin: US2001020445A1] A compartment for powder coating of workpieces (20) which is simple in structure, cost effective, and easy to clean comprises a floor (32, 40), two sidewalls (2, 4), and two end walls (10, 12) at least one (12) of which has a door opening (16) for entry and/or exit of the workpieces (20). Two oblique walls (22, 24) are arranged symmetrically inclined with respect to each other at the inside surfaces of the sidewalls (2, 4) in the lower corner regions of the compartment, so that, together with the corner regions, they define a suction channel (34, 36) each, and with their lower edges they form suction gaps (s). The walkable floor (32) may be embodied by a stationary plate or a discharge belt. The oblique walls (22, 24) can be tilted up against or removed from the inside surfaces of the sidewalls (2, 4) for cleaning purposes.

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B05B 15/12

IPC 8 full level
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CPC (source: EP US)
B05B 14/48 (2018.02 - EP US); **B05B 16/40** (2018.02 - EP US)

Cited by
AU2005313006B2; US6990749B2; EP2058055A1; EP2272593A1; WO2004081476A1; WO2006061702A1; EP1930086A2; EP2275209A1; US8371242B2

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