

Title (en)

Booth for powder coating.

Title (de)

Pulverbeschichtungskabine.

Title (fr)

Cabine pour le revêtement à l'aide de poudre.

Publication

EP 0286885 A2 19881019 (DE)

Application

EP 88104738 A 19880324

Priority

DE 3712437 A 19870411

Abstract (en)

[origin: US4851261A] A generally rectangularly shaped powder coating booth of a powder spraying apparatus is formed of two main sections, each of which is constituted of wall and roof elements which are swingably interconnected to one another. The walls and roof of each half of the booth may be straightened out to form a flat, continuous and rectangularly shaped surface from which residues of powder may be removed easily and rapidly. Thus when the two halves of the booth are flattened out the booth is transformed into two parallel and spaced surfaces which can be cleaned by being vacuumed by a respective suction nozzle that is disposed to travel over and vacuum the surfaces automatically.

Abstract (de)

Die Wände und Decke bestehen aus relativ zueinander schwenkbaren Elementen (2, 102, 6, 106, 10, 110, 14, 114), welche zum Reinigen der Kabine so verschwenkbar sind, daß ihre Innenflächen insgesamt auf zwei Ebenen aufgeteilt sind, innerhalb welchen sie jeweils verlaufen und in jeder Ebene je insgesamt eine von einer Saugdüse (166) absaugbare Gesamtfläche bilden. Dadurch wird die zum Reinigen der Kabine erforderliche Zeit verkürzt und die Reinigung kann automatisch erfolgen.

IPC 1-7

B05B 15/12

IPC 8 full level

B05B 15/12 (2006.01); **B05B 16/00** (2018.01); **B05B 16/40** (2018.01)

CPC (source: EP US)

B05B 16/40 (2018.01 - EP US); **B05B 16/90** (2018.01 - EP US); **Y10S 55/46** (2013.01 - EP US)

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

EP 0286885 A2 19881019; **EP 0286885 A3 19890927**; **EP 0286885 B1 19910529**; AT E63842 T1 19910615; DE 3712437 A1 19881020; DE 3862991 D1 19910704; JP H0667497 B2 19940831; JP S63267470 A 19881104; US 4851261 A 19890725

DOCDB simple family (application)

EP 88104738 A 19880324; AT 88104738 T 19880324; DE 3712437 A 19870411; DE 3862991 T 19880324; JP 8212788 A 19880401; US 17852288 A 19880407