

Title (en)

Device and method for cleaning a powder spray booth

Title (de)

Vorrichtung und Verfahren zum Reinigen einer Kabine zur Pulverbeschichtung

Title (fr)

Appareil et procédé pour nettoyer une cabine de pulvérisation de poudre

Publication

EP 1582267 B1 20070919 (DE)

Application

EP 05405235 A 20050310

Priority

- IT MI20040632 A 20040330
- IT MI20040633 A 20040330

Abstract (en)

[origin: EP1582267A1] The device (3) for the cleaning of a booth used for powder coating has a frame (4) which is movable on the inner sides of the booth (1), whereby the frame has suction nozzles (7) for suction of the inner sides of the booth. The suction nozzles are arranged in such a way, and the frame constructed in such a way, that the air is accelerated directly on the inner side of the booth. The frame is additionally provided with wiper strips (10). The suction nozzles are installed on the frame sides corresponding to the ceiling, side walls, and floor of the booth. An independent claim is included for a method for the cleaning of a booth for powder coating.

IPC 8 full level

B05B 15/12 (2006.01); **B05B 14/41** (2018.01); **B08B 5/04** (2006.01); **B08B 9/00** (2006.01); **B08B 9/08** (2006.01)

CPC (source: EP US)

B05B 14/41 (2018.01 - EP US); **B08B 5/04** (2013.01 - EP US); **B08B 9/00** (2013.01 - EP US); **B08B 9/08** (2013.01 - EP US)

Cited by

ITUB20153210A1; US7582169B2; WO2017033074A1

Designated contracting state (EPC)

DE ES FR IT SE

DOCDB simple family (publication)

EP 1582267 A1 20051005; **EP 1582267 B1 20070919**; DE 502005001505 D1 20071031; ES 2294668 T3 20080401; US 2005217704 A1 20051006; US 7582169 B2 20090901

DOCDB simple family (application)

EP 05405235 A 20050310; DE 502005001505 T 20050310; ES 05405235 T 20050310; US 9186305 A 20050328