

Title (en)

Cabin for coating workpieces with powder

Title (de)

Kabine zum Beschichten von Werkstücken mit Pulver

Title (fr)

Cabine destinée à recouvrir des pièces à usiner avec de la poudre

Publication

EP 2275209 B1 20130213 (DE)

Application

EP 09405116 A 20090717

Priority

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Abstract (en)

[origin: EP2275209A1] The cabin has a roller (35) integrally mounted in a tank (38). A suction channel (14) extends transverse to side walls and includes suction openings (14.1, 14.2), where excessive powder (P) are sucked by the channel and the openings. A diameter of the roller is smaller than an opening width of the tank. Ends of the channel are connected with respective cyclone units. An after filter is connected with one of the ends of the channel. Blow strips (12, 13) are provided in a region of cabin openings, and blow compressed air (L) in a direction of the suction openings. The channel is made of plastic.

IPC 8 full level

B05B 15/12 (2006.01); **B05B 14/45** (2018.01); **B05B 14/48** (2018.01)

CPC (source: EP)

B05B 14/45 (2018.01); **B05B 14/48** (2018.01); **B05B 16/25** (2018.01)

Cited by

EP4249130A1; US11577266B2; WO2020012398A3; WO2014019839A1; EP3459642B1

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