

Title (en)

Spray booth and installation having overhead tools

Title (de)

Beschichtungszone und Beschichtungsanlage mit hochliegenden Geräten

Title (fr)

Cabine de peinture et installation avec outillage surélevé

Publication

EP 1749584 A1 20070207 (DE)

Application

EP 06010550 A 20060522

Priority

DE 102005036767 A 20050804

Abstract (en)

The coating area has side wall (6) which proceeds angularly upwards to the upper accessible control area (17) under gradual reduction of width of the inner space of the coating area. A conveyor (3) is provided for transporting application objects (2) through the coating area. Independent claims are also included for the following: (A) Coating and treatment area for application objects; and (B) Coating system with many areas.

IPC 8 full level

B05B 16/00 (2018.01); **B05B 16/40** (2018.01)

CPC (source: EP)

B05B 16/40 (2018.01); **B05B 16/95** (2018.01); **B05B 13/0431** (2013.01); **B05B 13/0452** (2013.01)

Citation (applicant)

DE 20313854 U1 20031113 - DUERR SYSTEMS GMBH [DE]

Citation (search report)

- [YX] FR 2806012 A1 20010914 - ABB FLEXIBLE AUTOMATION GMBH [FR]
- [Y] DE 20313854 U1 20031113 - DUERR SYSTEMS GMBH [DE]
- [YD] WO 2004037430 A1 20040506 - FANUC ROBOTICS NORTH AMERICA [US], et al

Cited by

DE102008017838A1; FR2932103A1; CN107824357A; FR2995227A1; CN104602867A; RU2637961C2; US9919330B2; US9061309B2; WO2009147073A1; WO2014037562A1; US11161135B2; US11383258B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1749584 A1 20070207; **EP 1749584 B1 20090401**; AT E427165 T1 20090415; DE 102005036767 A1 20070208; DE 502006003308 D1 20090514; ES 2323381 T3 20090714

DOCDB simple family (application)

EP 06010550 A 20060522; AT 06010550 T 20060522; DE 102005036767 A 20050804; DE 502006003308 T 20060522; ES 06010550 T 20060522