

Title (en)
CONVERTIBLE PAINT BOOTH

Title (de)
FLEXIBLE LACKIERKABINE

Title (fr)
CABINE DE PEINTURE CONVERTIBLE

Publication
EP 3156136 B1 20180711 (EN)

Application
EP 16382463 A 20161011

Priority
ES 201531497 A 20151016

Abstract (en)
[origin: EP3156136A1] Convertible work booth with vertical columns and a ceiling, which comprises at least two lateral air channels connected to at least one central air channel and one outer air inlet (5) . The booth comprises plates equipped with openings placed in line with the central ceiling channel, in order to allow for the passage of air from the channel towards the enclosure. It also comprises a plurality of shutter sheets in line with the openings, to control the air flow that passes through said openings. It also comprises at least one plenum (8) located beneath the plates equipped with openings and two vertical ducts (12), connected to a lateral air channel, which are equipped with an inner air inlet in the lowest area of the enclosure. The vertical ducts (12) may be laterally movable, and the plenum (8) may be vertically movable.

IPC 8 full level
B05B 14/43 (2018.01); **B05B 16/40** (2018.01); **B05B 16/60** (2018.01); **B05B 16/80** (2018.01)

CPC (source: EP ES US)
B05B 16/40 (2018.01 - EP US); **B05B 16/60** (2018.01 - EP US); **B05B 16/80** (2018.01 - EP US); **E04H 6/02** (2013.01 - ES); **E04H 6/04** (2013.01 - ES); **E04H 6/42** (2013.01 - ES); **E04H 14/00** (2013.01 - ES); **F26B 3/04** (2013.01 - ES); **F26B 21/004** (2013.01 - EP); **F26B 21/028** (2013.01 - EP); **F26B 21/04** (2013.01 - EP); **F26B 21/12** (2013.01 - ES); **F26B 25/007** (2013.01 - EP); **B05B 14/43** (2018.01 - EP US); **F26B 2210/12** (2013.01 - EP)

Cited by
DE102017121340A1; CN111151407A; CN113550635A; CN110385223A; CN108940703A; CN112604891A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3156136 A1 20170419; EP 3156136 B1 20180711; ES 2609838 A1 20170424; ES 2609838 B1 20180227

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