

Title (en)

Paint spray booth with water curtain

Title (de)

Spritzkabine mit einem Wasservorhang

Title (fr)

Cabine avec miroirs d'eau pour la peinture et la finition de surface à haute brillance

Publication

EP 1972383 B1 20101117 (EN)

Application

EP 08003402 A 20080225

Priority

PT 10366607 A 20070228

Abstract (en)

[origin: EP1972383A1] The Cabin with mirrors of water (5) for painting and surface finishing of high brilliance is essentially constituted by an area of application and an area of drying in which ground (6) and walls (5) are covered with water. This cabin, is constituted by two distinct spaces that communicate through a door of automatic opening and which give access to people, components or furniture, from the outside. The walls are covered by a film of running water with around 1 to 2 mm, and the whole bordered ground is covered by 3 to 5 mm of running water on which people and objects move directly through thereby (the operators will wear waterproof shoes) preventing the lifting of dusts, that are harmful to the execution of the processes (5,6,7).

IPC 8 full level

B05B 15/12 (2006.01); **B05B 14/46** (2018.01); **B05B 14/465** (2018.01)

CPC (source: EP)

B05B 14/46 (2018.01); **B05B 14/465** (2018.01); **B05B 16/40** (2018.01)

Cited by

CN113680576A; CN106694291A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1972383 A1 20080924; **EP 1972383 B1 20101117**; AT E488304 T1 20101215; DE 602008003466 D1 20101230; PT 103666 A 20080828; PT 103666 B 20090126

DOCDB simple family (application)

EP 08003402 A 20080225; AT 08003402 T 20080225; DE 602008003466 T 20080225; PT 10366607 A 20070228