

Title (en)

Improvements for spray booths and drying stations

Title (de)

Verbesserung für Spritzkabinen und Trocknungsstationen

Title (fr)

Amélioration pour cabines de pulvérisation et stations de séchage

Publication

EP 1527824 A2 20050504 (EN)

Application

EP 04025413 A 20041026

Priority

IT BO20030637 A 20031028

Abstract (en)

A spray booth and or a preparation station consists of an upper space (5) designed for hot air to pass through for drying, an upper space (2) connected with the main space (5) by the interposition of filters (4) and by means of the emission of air (8) in the upper space (2). Heated radiant panels (1), preferably catalytic ones, are placed in the upper space (2) orientated towards the filters (4) to heat by the air in transit in the upper space (2) and by the filters (4), which act as the exchange of heat to finally warm up the air in transit directly to the upper space (5). The spray booth or and the preparation station can be internally covered with sandwiched panels which are fed by air which exits from a series of holes made in the sheets of the panels which face internally the booth, so as to avoid dirtying the walls from the kind of fog given off by the spray paint.

IPC 1-7

B05B 15/12

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- US 5473844 A 19951212 - MARTIN GUY [FR]
- US 6431857 B1 20020813 - CHARMES MICHEL [FR], et al

Cited by

CN114425547A; CN1111111991A

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