

Title (en)

Drying device and method for painted bodies, and device for circulating drying air in such device and method

Title (de)

Trocknungsvorrichtung und Verfahren für bemalte Körper, und Vorrichtung zur Zirkulation von Trocknungsluft in einer solchen Vorrichtung und bei einem solchen Verfahren

Title (fr)

Dispositif et procédé de séchage pour carrosseries peintes, et dispositif de circulation d'air de séchage dans un tel dispositif et procédé

Publication

**EP 1967804 A1 20080910 (EN)**

Application

**EP 07103603 A 20070306**

Priority

EP 07103603 A 20070306

Abstract (en)

The invention relates to a method for drying a painted body by circulating aimed air flows in an enclosure (10) from blowing means (2) outside said enclosure (10); through filter means (5) forming a ceiling surface (40) of said enclosure (10). The invention also relates to a drying booth (10), respectively an air circulation device for a drying booth, comprising blowing means (2) outside the drying enclosure (10), connected to individually aimed air nozzles (6) with portions of top ceiling filter means (5) interposed between said blowing means (2) and said nozzles (6).

IPC 8 full level

**F26B 21/00** (2006.01)

CPC (source: EP)

**F26B 21/003** (2013.01); **F26B 21/004** (2013.01); **F26B 2210/12** (2013.01)

Citation (applicant)

- DE 20104205 U1 20010719 - DUERR SYSTEMS GMBH [DE]
- DE 202004014233 U1 20041118 - LUFT & TROCKENTECHNIK [DE]
- EP 1400285 A2 20040324 - WOLF STAHLBAU GMBH & CO KG [DE]
- EP 0690279 A1 19960103 - RANSBURG CORP [US]
- EP 0960312 A1 19991201 - JUNAIR SPRAYBOOTHES LIMITED [GB]

Citation (search report)

- [Y] DE 20104205 U1 20010719 - DUERR SYSTEMS GMBH [DE]
- [Y] DE 202004014233 U1 20041118 - LUFT & TROCKENTECHNIK [DE]
- [Y] EP 1400285 A2 20040324 - WOLF STAHLBAU GMBH & CO KG [DE]
- [DA] EP 0690279 A1 19960103 - RANSBURG CORP [US]
- [A] US 5397606 A 19950314 - JEFFS CHRISTOPHER S [GB]

Cited by

US10697702B2; US11674752B2; US10584920B2; US11112177B2; US11740021B2

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 MT NL PL PT RO SE SI SK TR

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AL BA HR MK RS

DOCDB simple family (publication)

**EP 1967804 A1 20080910; EP 1967804 B1 20100120**; AT E456015 T1 20100215; CN 101259462 A 20080910; DE 602007004436 D1 20100311

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