

Title (en)  
Drying device

Title (de)  
Trocknungsvorrichtung

Title (fr)  
Dispositif de séchage

Publication  
**EP 2184572 A1 20100512 (EN)**

Application  
**EP 09175364 A 20091109**

Priority  
IT FI20080220 A 20081111

Abstract (en)

The present invention refers to a drying device arranged inside a cabin (11) of a varnish and/or other material drying plant and equipped with a single group (26) of drying panels (27). Such a group of drying panels can move according to six degrees of freedom: a first motion along the direction (X) of longitudinal development of the cabin (11), a second motion along the direction (Y) orthogonal to the direction (X) and parallel to the floor of the cabin, a third motion along a vertical direction (Z), and three rotations around three axes which are orthogonal to one another, and are respectively an turnover axis (R) parallel to the direction (X), a revolution axis (B) orthogonal to said turnover axis (R), and lying on an stably vertical plane, and a rotation axis (G) orthogonal to said two revolution (B) and turnover (R) axes.

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**F26B 3/28** (2013.01); **F26B 3/30** (2013.01); **F26B 2210/12** (2013.01)

Citation (applicant)

- EP 1867941 A1 20071219 - B LUX IMPIANTI ELETTRICI SNC [IT]
- US 2006291829 A1 20061228 - NELSON JAMES S [US], et al

Citation (search report)

- [X] EP 1867941 A1 20071219 - B LUX IMPIANTI ELETTRICI SNC [IT]
- [XY] US 2006291829 A1 20061228 - NELSON JAMES S [US], et al
- [YA] EP 0851193 A2 19980701 - PENTARA COMMERCIAL ENTERPRISES [GB]
- [Y] EP 0095717 A1 19831207 - PICOT ERNEST
- [Y] FR 2495964 A1 19820618 - INFRAROEDTEKNIK AB [SE], et al
- [A] WO 02095311 A1 20021128 - SYMACH S R L [IT], et al
- [A] DE 19915059 A1 20001019 - INDUSTRIESERVIS GES FUER INNOV [DE]
- [A] US 2841684 A 19580701 - MISKELLA WILLIAM J
- [A] DE 4330453 A1 19950316 - HERAEUS NOBLELIGHT GMBH [DE]
- [A] DE 29811072 U1 19980827 - BURKAMP MARTIN [DE]
- [A] DE 10312381 A1 20040930 - VOLKSWAGEN AG [DE]
- [A] US 5517768 A 19960521 - AVIV ZVI [IL]
- [A] WO 2005011878 A2 20050210 - EISENMANN KG MASCHBAU [DE], et al

Cited by

EP2251627A3; IT201700097894A1; IT201700097871A1; CN114798368A; CN110553491A; WO2019043476A1

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