

Title (en)

Device for drying objects, in particular painted vehicle bodies

Title (de)

Vorrichtung zum Trocknen von Gegenständen, insbesondere von lackierten Fahrzeugkarosserien

Title (fr)

Dispositif de séchage d'objets, en particulier de carrosseries de véhicule peintes

Publication

EP 2083235 B1 20110713 (DE)

Application

EP 09000256 A 20090110

Priority

DE 102008005584 A 20080122

Abstract (en)

[origin: EP2083235A1] The device has a drying tunnel (4) with an inner chamber filled with inert gas e.g. nitrogen, atmosphere. A gasexchange chamber (16) of an entry air-lock region (3) is connected with a vacuum pump (18), where an outlet of the pump is connected with external atmosphere. A gasexchange chamber (31) of an exit air-lock region (5) includes a piston (36) and lifting units (38, 39). The piston and the lifting units change volume of the chamber (31) between a maximum value and a minimum value i.e. zero, for displacing the atmosphere contained in the chamber (31).

IPC 8 full level

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CPC (source: EP)

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Cited by

CN108058286A; CN103398558A; CN117490363A; CN106931726A; EP4036506A3; US11674752B2; US11740021B2

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