

Title (en)

Device for drying objects, in particular varnished automobile 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 laquées

Publication

EP 1998129 B1 20150114 (DE)

Application

EP 08008074 A 20080426

Priority

DE 102007024745 A 20070526

Abstract (en)

[origin: EP1998129A2] An automotive body (2) painting assembly has a drying station with a drying tunnel (6) with an inert gas atmosphere and gas heater. The drying tunnel is followed by an ultraviolet radiation chamber (7) and is also filled with inert gas. The body panels are exposed to ultraviolet lamps (8, 9) in the chamber, from which surplus heat is removed by a cooling medium that returns to the drying tunnel where it surrenders heat to the inert gas.

IPC 8 full level

B05D 3/04 (2006.01); **B05D 3/06** (2006.01); **F26B 3/28** (2006.01); **F26B 21/14** (2006.01)

CPC (source: EP)

B05D 3/0486 (2013.01); **B05D 3/067** (2013.01); **F26B 3/283** (2013.01); **F26B 21/14** (2013.01); **F26B 2210/12** (2013.01)

Cited by

CN111570222A; CN102233317A; DE102015017280B3; DE102015214711A1; DE102015017279B3; US10697702B2; EP4036506A2; US11674752B2; DE102015214706A1; US10584920B2; DE202016009020U1; DE202016009021U1; DE202016009019U1; US11112177B2; EP4141368A1; US11740021B2; DE102015224916A1; WO2017097483A1; DE102015017278B3; EP3730884A1; EP3730885A1; EP3730886A1; EP3745066A2; EP4306889A2; EP3329198B1

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