

Title (en)

Method for drying painted objects, in particular vehicle bodies

Title (de)

Verfahren zum Trocknen von lackierten Trocknungsgütern, insbesondere Fahrzeugkarosserien

Title (fr)

Procédé de séchage de produits de séchage laqués, notamment carrosseries de véhicule

Publication

**EP 2360443 B1 20160803 (DE)**

Application

**EP 09016114 A 20091230**

Priority

EP 09016114 A 20091230

Abstract (en)

[origin: EP2360443A1] The method involves supplying exhaust gas from a drier (1) to a thermal after combustion system (9) over an exhaust gas blower. Hot cleaning gas is guided from the after combustion system to a cleaning gas pipeline (24c) through the drier and to a fresh air recuperator (14) for heating fresh air supplied to the drier in an inlet water gate (2) and an outlet water gate (5) of drying objects. The fresh air is guided through an annular gap (22) enclosed between an outer part and an external housing of the after combustion system before entering into the fresh air recuperator. An independent claim is also included for a device for drying a painted object comprising a thermal after combustion system with an inner annular gap enclosed by an inner housing.

IPC 8 full level

**F26B 23/02** (2006.01)

CPC (source: EP)

**F23G 5/46** (2013.01); **F23G 7/065** (2013.01); **F26B 23/022** (2013.01); **F23G 2206/10** (2013.01); **F26B 2210/12** (2013.01)

Cited by

EP2924381A1; IT201600074962A1; CN109564062A; US2019316841A1; WO2023227165A1; US10935315B2; WO2018015855A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**EP 2360443 A1 20110824**; **EP 2360443 B1 20160803**; HU E030552 T2 20170529

DOCDB simple family (application)

**EP 09016114 A 20091230**; HU E09016114 A 20091230