

Title (en)

Method for efficient use of hot air streams in a drying system, in particular for a vehicle body painting system

Title (de)

Verfahren zur effizienten Nutzung der Heißluftströme in einem Trockner-System, insbesondere für eine Fahrzeug-Lackiererei

Title (fr)

Procédé d'utilisation efficace des flux d'air chaud dans un système de séchage, notamment pour un atelier de peinture de véhicules

Publication

EP 2295909 B1 20160224 (DE)

Application

EP 09011579 A 20090910

Priority

EP 09011579 A 20090910

Abstract (en)

[origin: EP2295909A1] The method involves heating exhaust air from a dryer (1) in a thermal afterburning system and guiding as clean gas by circulating air recuperators (10,12). The fresh air recuperator (15) is provided to take fresh air of the circulating air removed from the dryer. The circulating air-fresh air mixture is heated in the circulating air recuperators and the mixture is supplied to the dryer.

IPC 8 full level

F26B 21/04 (2006.01); **F26B 23/02** (2006.01)

CPC (source: EP)

F26B 21/04 (2013.01); **F26B 23/022** (2013.01); **F26B 2210/12** (2013.01)

Cited by

EP2924380A1; CN103946655A; EP2924381A1; DE102018005578B4; EP2633922A1; DE102017105094A1; US11137209B2; US10254044B2; WO2013075793A1; US9410741B2; WO2020015846A1; DE102018005578A1; US10928134B2; US11940213B2; EP2844937B1; EP2844937B2

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 2295909 A1 20110316; EP 2295909 B1 20160224

DOCDB simple family (application)

EP 09011579 A 20090910