

Title (en)

Hot air dryer for a coating installation

Title (de)

Heisslufttrockner für eine Beschichtungsanlage

Title (fr)

Sécheur à air chaud pour une installation de revêtement

Publication

EP 1302737 A3 20051019 (DE)

Application

EP 02022670 A 20021010

Priority

DE 10151645 A 20011012

Abstract (en)

[origin: EP1302737A2] The dryer (100) comprises at least a first segment (126) in which more than half the amount of air supplied to the dryer useful room (120) in this segment is supplied through supply nozzles which are set in a first (132a) of the half chambers defined by the longitudinal centre plane (130) of the conveyor contour (131) which extends along the conveyor direction (106). At least one second segment (128) following the first has more than half the amount of air supplied to the user room through supply nozzles which are in the second of the half chambers defined by the said plane. <??>The dryer has several first and several second segments alternating along the conveyor direction.

IPC 1-7

F26B 15/12; F26B 21/00; F26B 21/02

IPC 8 full level

F26B 15/12 (2006.01); **F26B 21/00** (2006.01)

CPC (source: EP)

F26B 15/12 (2013.01); **F26B 21/004** (2013.01); **F26B 2210/12** (2013.01)

Citation (search report)

- [Y] DE 19719183 C1 19980528 - LINGL ANLAGENBAU [DE]
- [DY] DE 20104205 U1 20010719 - DUERR SYSTEMS GMBH [DE]
- [A] DE 2418358 A1 19751113 - SCHLECHTER HERBERT
- [A] DE 19533667 A1 19970313 - KELLER GMBH [DE]
- [A] DE 3941134 A1 19910620 - WAGNER MAX NOVOKERAM [DE]

Cited by

CN104919261A; RU2645845C2; CN107690561A; RU2742011C2; CN107667270A; RU2745444C2; WO2014111237A1; WO2017021326A1; DE102011076469A1; WO2012101200A1; DE102015017280B3; US10533797B2; WO2011092224A1; DE102010001234A1; US9228781B2; DE102015214711A1; DE102015017279B3; US10697702B2; EP4036506A2; US11674752B2; DE102015214706A1; US10584920B2; DE202016009020U1; DE202016009021U1; DE202016009019U1; US11112177B2; EP4141368A1; US11740021B2; DE102015224916A1; WO2017097483A1; DE102015017278B3; EP3730884A1; EP3730885A1; EP3730886A1; EP3745066A2; EP4306889A2; EP2775240B1; EP2946158B1

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DOCDB simple family (publication)

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