

Title (en)

DRYING FURNACE UNIT AND DRYING FURNACE

Title (de)

TROCKENOFENEINHEIT SOWIE TROCKENOFEN

Title (fr)

UNITÉ DE SÉCHOIR À AIR CHAUD, ET SÉCHOIR À AIR CHAUD

Publication

EP 2808635 A4 20150715 (EN)

Application

EP 13740522 A 20130116

Priority

- JP 2012010631 A 20120123
- JP 2013050641 W 20130116

Abstract (en)

[origin: EP2808635A1] A drying oven unit 10 includes an oven body 12, a conveyance path 14, a pipe structure 20 having first and second vents 21a and 22a, a hot air generator 26, an exhaust blower 28, and an air-flow switching valve 30. The air-flow switching valve 30 includes first and second valves 31 and 32. Switching the first and second valves 31 and 32 enables switching between permitting hot air generated by the hot air generator 26 to flow from the first vent 21a to the second vent 22a and permitting the hot air to flow from the second vent 22a to the first vent 21a.

IPC 8 full level

F26B 3/28 (2006.01); **F26B 13/10** (2006.01); **F26B 21/00** (2006.01); **F26B 3/30** (2006.01)

CPC (source: EP)

F26B 3/283 (2013.01); **F26B 13/10** (2013.01); **F26B 21/00** (2013.01); **F26B 3/30** (2013.01)

Citation (search report)

- [XAY] US 6954994 B1 20051018 - TEO CHERNG LINN [SG], et al
- [YA] US 5606805 A 19970304 - MEYER JENS-UWE [US]
- [YA] JP H10337520 A 19981222 - HIRANO KINZOKU CO LTD
- See references of WO 2013111647A1

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CN104729257A; IT202100002936A1; WO2022172081A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2808635 A1 20141203; **EP 2808635 A4 20150715**; CN 104067080 A 20140924; JP WO2013111647 A1 20150511; KR 20140115328 A 20140930; WO 2013111647 A1 20130801

DOCDB simple family (application)

EP 13740522 A 20130116; CN 201380006378 A 20130116; JP 2013050641 W 20130116; JP 2013555225 A 20130116; KR 20147020587 A 20130116