

Title (en)
DRYING APPARATUS

Title (de)
TROCKNUNGSVORRICHTUNG

Title (fr)
APPAREIL DE SÉCHAGE

Publication
EP 3078927 A1 20161012 (EN)

Application
EP 16151652 A 20160118

Priority
JP 2015078822 A 20150408

Abstract (en)
A suction port 15 of a suction duct 12 corresponding to a tray vent hole 4 at a position, at which a drying target object W1 is not mounted, is covered with a first resistant lid R1 in which a first vent hole 17a is formed and hot air circulates through the first vent hole 17a. In the suction duct 12 corresponding to the tray vent hole 4 at a position at which a drying target object W1 is mounted, hot air flows through a first gap S1 formed between the first resistant lid R1 and the suction port 15, and does not pass through the first vent hole 17a of the first resistant lid R1. In other words, air resistance of the first vent hole 17a is set to be the same as air resistance of the drying target object W1, thereby it is possible for the same amount of hot air to pass through any one of the tray vent holes 4 and it is possible to perform the drying under the same condition as in a case where a drying process is performed on the maximum number of drying target objects.

IPC 8 full level
F26B 15/14 (2006.01); **F26B 21/04** (2006.01); **F26B 21/12** (2006.01); **F26B 25/18** (2006.01)

CPC (source: CN EP)
F26B 15/14 (2013.01 - CN EP); **F26B 21/00** (2013.01 - CN); **F26B 21/006** (2013.01 - CN); **F26B 21/04** (2013.01 - EP); **F26B 21/12** (2013.01 - EP); **F26B 25/18** (2013.01 - EP)

Citation (search report)
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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

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DOCDB simple family (publication)
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DOCDB simple family (application)
EP 16151652 A 20160118; CN 201610064934 A 20160129; JP 2015078822 A 20150408