

Title (en)
MODULAR AIR DRIER

Title (de)
MODULARER LUFTTROCKNER

Title (fr)
SÉCHOIR À AIR MODULAIRE

Publication
EP 3298190 A1 20180328 (DE)

Application
EP 16736372 A 20160511

Priority
• DE 102015209370 A 20150521
• DE 2016200219 W 20160511

Abstract (en)
[origin: CA2986607A1] A drier for drying items to be dried, comprising a receptacle for the items to be dried, an air guide for guiding air to the receptacle and a heating device for heating the air. The receptacle comprises a plurality of modules (1, 2, 3, 4), arranged one behind the other, for heating, drying or cooling the items to be dried. At least one module (1, 2, 3, 4) is associated with a conveying device (5) for conveying the items to be dried from this module (1, 2, 3) or any module (1, 2, 3) to the next module (2, 3, 4).

IPC 8 full level
D06F 58/12 (2006.01); **D06F 31/00** (2006.01)

CPC (source: CN EP KR US)
D06F 31/005 (2013.01 - EP KR US); **D06F 58/12** (2013.01 - CN EP KR US); **D06F 58/38** (2020.02 - KR); **D06F 31/005** (2013.01 - CN); **D06F 58/38** (2020.02 - CN EP US); **D06F 2103/00** (2020.02 - CN EP US); **D06F 2103/08** (2020.02 - CN EP KR US); **D06F 2103/12** (2020.02 - CN EP KR US); **D06F 2103/32** (2020.02 - CN EP KR US); **D06F 2103/34** (2020.02 - CN EP KR US); **D06F 2103/36** (2020.02 - US); **D06F 2105/24** (2020.02 - CN EP KR US)

Citation (search report)
See references of WO 2016184462A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102015209370 B3 20160908; AU 2016263357 A1 20171214; AU 2016263357 B2 20190502; CA 2986607 A1 20161124; CA 2986607 C 20210720; CN 107873065 A 20180403; CN 107873065 B 20201208; DK 3298190 T3 20211108; DK 3453796 T3 20220314; EP 3298190 A1 20180328; EP 3298190 B1 20210804; EP 3453796 A1 20190313; EP 3453796 B1 20211229; ES 2895506 T3 20220221; ES 2909197 T3 20220505; KR 102103173 B1 20200423; KR 20180011796 A 20180202; US 10612183 B2 20200407; US 2018209088 A1 20180726; WO 2016184462 A1 20161124

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