

Title (en)
Condensation dryer

Title (de)
Kondensationstrockner

Title (fr)
séchoir à condensation

Publication
EP 2650426 A3 20131225 (DE)

Application
EP 13001680 A 20130402

Priority
DE 102012007275 A 20120413

Abstract (en)
[origin: EP2650426A2] The condensation dryer has a heat exchanger (2) for the deposition of moisture absorbed from an air circuit (3) in a drying chamber (1). The heat exchanger comprises a sorption unit (5), which is connectable with a liquid reservoir (7). A cooling fluid flow (4) is generated between the liquid reservoir and the sorption unit, which flows through the heat exchanger. The sorption unit and the liquid reservoir are connected through a hermetically sealed passage (8), which leads through the heat exchanger. An independent claim is included for a method for operating a condensation dryer.

IPC 8 full level
D06F 58/24 (2006.01); **D06F 58/20** (2006.01); **D06F 58/28** (2006.01)

CPC (source: EP US)
A47L 15/0034 (2013.01 - EP US); **A47L 15/481** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US); **F26B 21/001** (2013.01 - US); **A47L 2501/10** (2013.01 - EP US); **D06F 58/02** (2013.01 - EP US); **D06F 58/30** (2020.02 - EP US); **D06F 2103/36** (2020.02 - EP US); **D06F 2105/24** (2020.02 - EP US)

Citation (search report)

- [IA] DE 102005062942 A1 20070705 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [AD] DE 69525350 T2 20020814 - WHIRLPOOL CO [US]
- [AD] DE 10356786 A1 20050707 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
CN107314662A

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)
EP 2650426 A2 20131016; EP 2650426 A3 20131225; EP 2650426 B1 20150318; DE 102012007275 A1 20131017; US 2013269207 A1 20131017; US 9599398 B2 20170321

DOCDB simple family (application)
EP 13001680 A 20130402; DE 102012007275 A 20120413; US 201313857502 A 20130405