

Title (en)
HUMIDIFICATION DEVICE AND AIR TREATMENT SYSTEM

Title (de)
BEFEUCHTUNGSVORRICHTUNG UND LUFTBEHANDLUNGSSYSTEM

Title (fr)
DISPOSITIF D'HUMIDIFICATION ET SYSTÈME DE TRAITEMENT DE L'AIR

Publication
EP 3165840 A4 20170628 (EN)

Application
EP 14896713 A 20141208

Priority

- CN 201410316897 A 20140703
- CN 2014093277 W 20141208

Abstract (en)
[origin: EP3165841A1] Disclosed is a humidifying device, comprising: a water tank (202) for storing water; a water pump (205), which water pump (205) is connected to the water tank (202) via an upper water pipe (251); and a water channel (241), which is connected to the water pump (205) via a lower water pipe (252), wherein the water pump (205) is configured to pump the water from the water tank (202) to the water channel (241). Further disclosed is an air handling system having the humidifying device.

IPC 8 full level
F24F 6/04 (2006.01); **F24F 1/029** (2019.01); **F24F 1/0323** (2019.01); **F24F 1/0328** (2019.01); **F24F 1/0358** (2019.01); **F24F 1/037** (2019.01); **F24F 6/00** (2006.01); **F24F 6/02** (2006.01); **F24F 13/20** (2006.01)

CPC (source: CN EP KR US)
F24F 1/029 (2019.01 - CN EP US); **F24F 1/0323** (2019.01 - CN EP US); **F24F 1/0328** (2019.01 - CN EP US); **F24F 1/0358** (2019.01 - CN EP US); **F24F 1/037** (2019.01 - CN EP US); **F24F 3/1405** (2013.01 - KR); **F24F 6/02** (2013.01 - EP US); **F24F 6/04** (2013.01 - CN EP KR US); **F24F 8/10** (2021.01 - KR); **F24F 13/082** (2013.01 - KR); **F24F 13/20** (2013.01 - EP KR US); **F24F 13/222** (2013.01 - US); **F24F 13/28** (2013.01 - CN KR); **F24F 13/30** (2013.01 - US); **F24F 2006/006** (2013.01 - EP KR US); **F24F 2006/008** (2013.01 - EP KR US); **F24F 2006/046** (2013.01 - EP KR US); **F24F 2221/125** (2013.01 - US); **F24F 2221/36** (2013.01 - KR)

Citation (search report)

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- [X] CN 202126042 U 20120125 - JIANLIANG FAN
- [X] CN 201795567 U 20110413 - FENG LIU
- [X] CN 202835616 U 20130327 - JIANG YANG
- [Y] CN 101846372 A 20100929 - MIDEA HOLDING CO LTD
- See references of WO 2016000408A1

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 3165841 A1 20170510; EP 3165841 A4 20170628; EP 3165841 B1 20190116; CN 104315643 A 20150128; CN 104315643 B 20180105; EP 3165840 A1 20170510; EP 3165840 A4 20170628; EP 3165840 B1 20180502; KR 101976188 B1 20190508; KR 101976191 B1 20190509; KR 20170039094 A 20170410; KR 20170041664 A 20170417; US 2017138620 A1 20170518; US 2017138622 A1 20170518; WO 2016000406 A1 20160107; WO 2016000408 A1 20160107

DOCDB simple family (application)
EP 14896802 A 20141208; CN 2014093265 W 20141208; CN 2014093277 W 20141208; CN 201410316897 A 20140703; EP 14896713 A 20141208; KR 20167036556 A 20141208; KR 20167036562 A 20141208; US 201415323012 A 20141208; US 201415323073 A 20141208