

Title (en)

AIR WASHER

Title (de)

LUFTWÄSCHER

Title (fr)

PURIFICATEUR D'AIR

Publication

EP 3009760 B1 20200722 (EN)

Application

EP 15189867 A 20151015

Priority

KR 20140139919 A 20141016

Abstract (en)

[origin: EP3009760A1] According to the present invention, an air washer comprises a case including an inlet and an outlet, a tank disposed in the case and containing water, the case removably placed on the tank, a blowing fan unit disposed in the case and blowing air through the inlet and the outlet, a disk unit disposed to partially soak in the water contained in the tank and rotating while supported by the tank, a disk driver disposed in the case and rotating the disk unit, a germicidal lamp disposed in the tank and transmitting light to the water in the tank to sterilize the water, and a control box disposed in the case and applying power to the germicidal lamp. According to the present invention, the air washer has a germicidal lamp capable of killing germs in the tank and may thus suppress generation of harmful germs in the stored water.

IPC 8 full level

F24F 6/00 (2006.01); **F24F 6/06** (2006.01); **F24F 13/20** (2006.01)

CPC (source: EP KR)

F04D 25/08 (2013.01 - KR); **F24F 6/06** (2013.01 - EP); **F24F 6/16** (2013.01 - KR); **F24F 8/22** (2021.01 - KR); **F24F 13/20** (2013.01 - EP KR);
F24F 2006/006 (2013.01 - EP); **F24F 2006/008** (2013.01 - EP KR); **F24F 2006/065** (2013.01 - EP KR)

Cited by

US11867198B2; CN111298157A

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 3009760 A1 20160420; EP 3009760 B1 20200722; CN 105289159 A 20160203; CN 105289159 B 20170822; KR 101634530 B1 20160629;
KR 20160044882 A 20160426

DOCDB simple family (application)

EP 15189867 A 20151015; CN 201510665179 A 20151015; KR 20140139919 A 20141016