

Title (en)  
AIR CLEANING FOUNTAIN

Title (de)  
LUFTREINIGUNGSBRUNNEN

Title (fr)  
FONTAINE DE NETTOYAGE DE L'AIR

Publication  
**EP 3395450 A1 20181031 (EN)**

Application  
**EP 18169112 A 20180424**

Priority  
US 201715495133 A 20170424

Abstract (en)  
A self-cleaning fountain includes: a structure (770) having two ends, defining a first flow way for a first fluid to flow along, wherein the structure (770) defines holes (772) for allowing a second fluid to flow through the holes (772); a pump system (814) configured to pump the first fluid to a first end of the structure (770); a distributor (904) located at the first end of the structure (770) and configured to spray the first fluid received from the pump system (814) onto the structure (770); a catch basin located at a second end of the structure (770) for collecting the first fluid that has moved along the flow way to the catch basin; a photocatalytic coating (900) on the structure (770); and a light source (890) configured to direct light on the photocatalytic coating (900).

IPC 8 full level  
**B05B 17/08** (2006.01)

CPC (source: CN EP)  
**B05B 15/00** (2013.01 - CN); **B05B 17/08** (2013.01 - CN); **B05B 17/085** (2013.01 - EP)

Citation (applicant)

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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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3395450 A1 20181031; EP 3395450 B1 20210609; CN 108722768 A 20181102**

DOCDB simple family (application)  
**EP 18169112 A 20180424; CN 201810374477 A 20180424**