

Title (en)
AIR CLEANING FOUNTAIN

Title (de)
LUFTREINIGUNGSBRUNNEN

Title (fr)
FONTAINE DE NETTOYAGE DE L'AIR

Publication
EP 3395450 B1 20210609 (EN)

Application
EP 18169112 A 20180424

Priority
US 201715495133 A 20170424

Abstract (en)
[origin: EP3395450A1] 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)

Designated contracting state (EPC)
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