

Title (en)
SYSTEM FOR MONITORING AIR QUALITY AND DOCKING STATION FOR A MOBILE ROBOT EQUIPPED WITH AIR QUALITY SENSORS

Title (de)
SYSTEM ZUR ÜBERWACHUNG DER LUFTQUALITÄT UND ANDOCKSTATION FÜR EINEN MOBILEN ROBOTER MIT LUFTQUALITÄTSSENSOREN

Title (fr)
SYSTEME DE SURVEILLANCE DE QUALITE D'AIR ET STATION D'ACCUEIL POUR ROBOT MOBILE EQUIPE DE CAPTEURS DE QUALITE D'AIR

Publication
EP 3394609 A1 20181031 (FR)

Application
EP 16829282 A 20161222

Priority
• FR 1563341 A 20151224
• FR 2016053656 W 20161222

Abstract (en)
[origin: WO2017109432A1] The invention relates to a system for monitoring air quality in an environment, comprising at least one mobile robot (20) in the environment, a docking station (10) placed in the environment and comprising a parking area for receiving the robot, air quality sensors on board the mobile robot, air quality sensors fitted in the docking station, and a calibration manager for collecting measures carried out by at least one air quality sensor on board said mobile robot (20) while the mobile robot is received in the parking area of the docking station (10), and measures carried out at the same time by another air quality sensor fitted in the docking station, of the same type as the on-board air quality sensor.

IPC 8 full level
G01N 33/00 (2006.01)

CPC (source: EP US)
G01N 33/0006 (2013.01 - EP US); **G01N 33/0031** (2013.01 - EP US); **G01N 33/0063** (2013.01 - EP US); **G01N 33/0075** (2013.01 - EP US); **G05D 1/0225** (2024.01 - US); **G05D 1/0234** (2024.01 - US); **G05D 1/0242** (2024.01 - US); **G05D 1/0291** (2024.01 - US); **G01N 2201/127** (2013.01 - EP US); **G01N 2201/12723** (2013.01 - EP US); **G01N 2201/12746** (2013.01 - EP US)

Citation (search report)
See references of WO 2017109432A1

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)
WO 2017109432 A1 20170629; EP 3394609 A1 20181031; FR 3046245 A1 20170630; FR 3046245 B1 20180216; US 10684264 B2 20200616; US 2019011413 A1 20190110

DOCDB simple family (application)
FR 2016053656 W 20161222; EP 16829282 A 20161222; FR 1563341 A 20151224; US 201616065956 A 20161222