

Title (en)
INSECT AND CREATURE MONITORING SYSTEM

Title (de)
SYSTEM ZUR ÜBERWACHUNG VON INSEKTEN UND LEBEWESSEN

Title (fr)
SYSTÈME DE SURVEILLANCE D'INSECTES ET DE CRÉATURES

Publication
EP 3920692 A1 20211215 (EN)

Application
EP 19914485 A 20190206

Priority
US 2019016840 W 20190206

Abstract (en)
[origin: WO2020162926A1] The present application describes a pollinator species detection and monitoring device and system that utilizes specifically positioned and spaced receptacles for determining and conveying the numbers, health and movements of pollinator species ranging from real-time to intermittent transmittance of detected information for an area, region, areas or regions, singularly and in the aggregate. The detected information is collected and recorded via a pair of closely related sensors, residing at 180 degrees from one another, wherein pollinator species' entrance, exit, number, gender and activity are sensed, analyzed algorithmically and stored locally for eventual transmittance from a transmitting device to an external computer or mobile device for data observance, collection, storage and analysis. Detected information may be species specific or across a plurality of species.

IPC 8 full level
A01K 47/06 (2006.01); **A01K 47/00** (2006.01); **A01M 1/00** (2006.01); **A01M 1/02** (2006.01)

CPC (source: EP)
A01K 47/00 (2013.01); **A01K 47/06** (2013.01); **A01M 1/02** (2013.01); **A01M 1/026** (2013.01); **A01M 1/04** (2013.01); **A01M 1/14** (2013.01); **A01M 31/002** (2013.01)

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 2020162926 A1 20200813; EP 3920692 A1 20211215; EP 3920692 A4 20230308

DOCDB simple family (application)
US 2019016840 W 20190206; EP 19914485 A 20190206