

Title (en)

SYSTEM AND METHOD FOR DOCUMENTING TIPPING PROCESSES ON A LANDFILL SITE

Title (de)

SYSTEM UND VERFAHREN ZUR DOKUMENTATION VON ABKIPPVORGÄNGEN AUF EINER EINLAGERUNGSSTÄTTE

Title (fr)

SYSTÈME ET PROCÉDÉ DE DOCUMENTATION DE PROCESSUS DE DÉCHARGEMENT SUR UN SITE DE STOCKAGE

Publication

EP 3596571 A1 20200122 (DE)

Application

EP 18710002 A 20180306

Priority

- DE 102017105830 A 20170317
- EP 2018055419 W 20180306

Abstract (en)

[origin: WO2018166836A1] A system (100) for documenting tipping processes on a landfill site (99) is provided, which system has the following: a stationary computer unit (1) with a database (12) and with a first communication means (11); at least one drone (2) which is capable of flying which and has an image-recording device (22), and with a second communication means (21); at least one non-stationary target-marking unit (3) to be provided on or in a vehicle (4), wherein the target-marking unit (3) has a third communication means (31); and wherein the system (100) is configured in such a way that the drone (2) can follow the target-marking unit (3) during flight, wherein when the vehicle (4) drives onto the landfill site the target-marking unit (3) can be provided on or in the vehicle (4), and the tipping process of the vehicle (4) can be detected; and when the tipping process is detected the image-recording device (22) of the drone (2) can record the tipping process of the vehicle (4); and the drone (2) can communicate the detection and recording of the tipping process to the computer unit (1) for storage in the database (12).

IPC 8 full level

G05D 1/00 (2006.01)

CPC (source: EP)

G05D 1/0094 (2024.01)

Citation (examination)

MEGAN GREENWALT: "Drones Increasingly Finding a Place in the Solid Waste Industry", 15 March 2017 (2017-03-15), XP055714759, Retrieved from the Internet <URL:https://www.waste360.com/fleets-technology/drones-increasingly-finding-place-solid-waste-industry> [retrieved on 20200714]

Designated contracting state (EPC)

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Designated extension state (EPC)

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