

Title (en)  
SMART DEVICE FOR WASTE CONTAINERS, WASTE CONTAINER INCORPORATING THE SAME AND MODE OF OPERATION OF THE WASTE MANAGEMENT SYSTEM INCLUDING THE SAME

Title (de)  
INTELLIGENTE VORRICHTUNG FÜR ABFALLBEHÄLTER, ABFALLBEHÄLTER DAMIT UND BETRIEBSMODUS DES ABFALLMANAGEMENTSYSTEMS DAMIT

Title (fr)  
DISPOSITIF INTELLIGENT POUR CONTENEURS DE DÉCHETS, CONTENEUR DE DÉCHETS L'INCORPORANT ET MODE DE FONCTIONNEMENT DU SYSTÈME DE GESTION DE DÉCHETS COMPRENANT CE DISPOSITIF

Publication  
**EP 3753865 A3 20210310 (EN)**

Application  
**EP 20177613 A 20200529**

Priority  
ES 201930490 A 20190531

Abstract (en)  
The present invention relates to a smart device installed in containers or similar elements disposed for the storage of waste, enabling the identification of the user who deposits therein the waste, likewise the detection of the activity of managing the waste performed, both in the management of the waste inserted and the highlighting of the user's action and the better configuration of the structure of global selective waste collection, employing for this purpose a device which is attached to the containers, be they existing or of a new design, with a system for the reading of codes/charts for the identification of the waste inserted, usually packaging waste, and employing vibration-absorbing means to minimise the effect of impacts and vibrations caused during the process of emptying the container.

IPC 8 full level  
**B65F 1/14** (2006.01)

CPC (source: EP ES)  
**B65F 1/14** (2013.01 - EP); **G06Q 50/00** (2013.01 - ES); **B65F 1/00** (2013.01 - ES); **B65F 2210/128** (2013.01 - EP); **B65F 2210/138** (2013.01 - EP); **B65F 2210/168** (2013.01 - EP); **B65F 2210/182** (2013.01 - EP)

Citation (search report)

- [XA] US 2014278630 A1 20140918 - GATES JASON SKYLAR [US], et al
- [IA] GB 2539855 A 20161228 - ECUBE LABS CO LTD [KR]
- [A] EP 1714914 A1 20061025 - POETTINGER ENTSORGUNGSTECHNIK [AT]
- [A] US 2014240084 A1 20140828 - GROPPER DANIEL R [US]
- [A] US 2016355308 A1 20161208 - POSS JAMES ANDREW [US], et al
- [A] CN 108639621 A 20181012 - ZHONG YANBO
- [A] US 2016321619 A1 20161103 - INAN MURAT [TR], et al

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 3753865 A2 20201223; EP 3753865 A3 20210310**; ES 2796951 A1 20201130

DOCDB simple family (application)  
**EP 20177613 A 20200529**; ES 201930490 A 20190531