

Title (en)
INTELLIGENT DEVICE FOR WASTE COLLECTION

Title (de)
INTELLIGENTE VORRICHTUNG ZUR ABFALLSAMMLUNG

Title (fr)
DISPOSITIF INTELLIGENT POUR LA COLLECTE DE DÉCHETS

Publication
EP 4082941 A1 20221102 (EN)

Application
EP 21195236 A 20210907

Priority
IT 202100010637 A 20210427

Abstract (en)
An intelligent device (100, 200) for waste collection comprising:- an upper portion (102a, 202a) comprising at least one internal compartment (102, 202) for inserting the waste;- a lower portion comprising a plurality of waste collectors (103, 203);- a central portion comprised between the upper portion (102a, 202a) and the lower portion; and- a system for recognizing the type of waste included in the upper portion and configured to arrange the waste in the correct position in correspondence with the correct waste collectors (103, 203);- a rotary actuator of at least a portion of the intelligent device (100, 200).

IPC 8 full level
B65F 1/00 (2006.01)

CPC (source: EP)
B65F 1/006 (2013.01); **B65F 2001/008** (2013.01); **B65F 2210/128** (2013.01); **B65F 2210/1443** (2013.01)

Citation (applicant)
• WO 2018013903 A1 20180118 - CLEANROBOTICS INC [US]
• US 10406564 B1 20190910 - AL-ATEEQ ASMAA F F N [KW]
• US 9272842 B1 20160301 - TORRES-MUNIZ RAUL EDMIR [US], et al

Citation (search report)
• [X] CN 110697285 A 20200117 - UNIV MINJIANG
• [X] CN 110861852 A 20200306 - SHIJIAZHUANG POSTS AND TELECOMMUNICATIONS TECHNICAL COLLEGE CHINA POST GROUP COMPANY TRAINING CENTER

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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