

Title (en)
CONTAINERS WITH MULTIPLE SENSORS

Title (de)
BEHÄLTER MIT MEHREREN SENSOREN

Title (fr)
CONTENEURS À CAPTEURS MULTIPLES

Publication
EP 3144251 A1 20170322 (EN)

Application
EP 16188727 A 20160914

Priority
• US 201514856309 A 20150916
• US 201662304076 P 20160304

Abstract (en)
A trashcan assembly (20) including a body portion (22), a lid portion (24) pivotably coupled with the body portion (22), and a sensor assembly (102) configured to generate a signal when an object is detected within a sensing region. The sensor assembly (102) can include a plurality of transmitters (112a-112d) having a first subset of transmitters and a second subset of transmitters. A transmission axis of at least one transmitter in the first subset of transmitters can be different from a transmission axis of at least one of the transmitters in the second subset of transmitters. An electronic processor (70) can generate an electronic signal to a power-operated drive mechanism (58) for moving the lid portion (24) from a closed position to an open position, such as in response to the sensor assembly (102) detecting the object.

IPC 8 full level
B65F 1/16 (2006.01)

CPC (source: EP)
B65F 1/1638 (2013.01); **B65F 2210/168** (2013.01)

Citation (search report)
• [X] JP 2004231237 A 20040819 - CLEANUP CORP, et al
• [X] US 2011056952 A1 20110310 - BOROWSKI DAVID [US], et al
• [A] EP 2364932 A2 20110914 - SIMPLEHUMAN LLC [US]
• [A] US 2001045512 A1 20011129 - BRENT MARK R [US]

Cited by
CN110712894A; CN107499786A; US11242198B2; US10279996B2; USD963277S; USD969291S; US10723549B2; US9790025B2; US10683165B2; US11136186B2; US10279997B2; USD930933S; US11801996B2

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 3144251 A1 20170322

DOCDB simple family (application)
EP 16188727 A 20160914