

Title (en)

COLLECTION CONTAINER, REFUSE VEHICLE AND METHOD FOR MONITORING A LOADING REGION

Title (de)

SAMMELBEHÄLTER, MÜLLFAHRZEUG UND VERFAHREN ZUR ÜBERWACHUNG EINES BESCHICKUNGSBEREICHES

Title (fr)

RÉSERVOIR COLLECTEUR, CAMION À ORDURES ET PROCÉDÉ DE SURVEILLANCE D'UNE ZONE DE CHARGEMENT

Publication

**EP 3972916 A2 20220330 (DE)**

Application

**EP 20728453 A 20200522**

Priority

- DE 102019113507 A 20190521
- EP 2020064240 W 20200522

Abstract (en)

[origin: WO2020234437A2] The invention relates to a collection container (1) for a refuse vehicle for collecting refuse. The collection container (1) comprises an inlet opening (4) located in a YZ plane of an orthogonal XYZ coordinates system and having a monitoring device (20) for monitoring a loading region (8) in front of the inlet opening (4). The monitoring device (20) has at least one first and at least one second monitoring unit (30, 40) with first and second detection areas (32, 42a, b), wherein the first and second detection areas (32, 42a, b) at least partially overlap and wherein at least the first and the second monitoring units (30, 40) are independent from one another.

IPC 8 full level

**B65F 3/04** (2006.01)

CPC (source: EP)

**B65F 3/04** (2013.01)

Citation (search report)

See references of WO 2020234437A2

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)

**DE 102019113507 A1 20201126**; EP 3972916 A2 20220330; WO 2020234437 A2 20201126; WO 2020234437 A3 20210218

DOCDB simple family (application)

**DE 102019113507 A 20190521**; EP 2020064240 W 20200522; EP 20728453 A 20200522