

Title (en)

Method and device for determining the weight of the dumped contents of a refuse receptacle

Title (de)

Verfahren und Vorrichtung zum gewichtsmässigen Erfassen des gekippten Müllbehälterinhalts

Title (fr)

Procédé et dispositif pour déterminer le poids du contenu déchargé d'un récipient à ordures

Publication

**EP 0913342 B1 20040317 (EN)**

Application

**EP 98203576 A 19981022**

Priority

NL 1007388 A 19971029

Abstract (en)

[origin: EP0913342A1] Method and device for determining the weight of the dumped contents of a refuse receptacle (33), the receptacle successively being gripped, moved upwards, tilted so as to be emptied and moved back, while the weight and the acceleration of the receptacle with and without contents are respectively measured both during the upwards movement and the downwards movement, in such a manner that, for each of the movements, a first series of values for the weight and a second series of values for the vertical acceleration are measured, a first sum and a second sum of the values from the first series and second series, respectively, are determined, the first sum is divided by the second sum for the purpose of determining a gross mass during the upwards movement and for the purpose of determining a tare mass during the downwards movement, and the tare mass is subtracted from the gross mass for the purpose of determining the mass of the dumped contents of the receptacle. <IMAGE>

IPC 1-7

**B65F 3/04**

IPC 8 full level

**B65F 1/14** (2006.01); **B65F 3/00** (2006.01); **B65F 3/04** (2006.01); **B65F 3/02** (2006.01)

CPC (source: EP)

**B65F 1/1484** (2013.01); **B65F 3/001** (2013.01); **B65F 3/046** (2013.01); **B65F 2003/022** (2013.01); **B65F 2003/0236** (2013.01)

Cited by

FR2869048A1; CN111661521A; SE2150588A1; WO2022040735A1; WO2022240329A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0913342 A1 19990506**; **EP 0913342 B1 20040317**; AT E261884 T1 20040415; DE 69822398 D1 20040422; DE 69822398 T2 20050224; NL 1007388 C2 19990504

DOCDB simple family (application)

**EP 98203576 A 19981022**; AT 98203576 T 19981022; DE 69822398 T 19981022; NL 1007388 A 19971029