

Title (en)

Lifting and tipping device for refuse vehicles

Title (de)

Hubschwenkvorrichtung für Müllfahrzeuge

Title (fr)

Dispositif de levage et de basculage pour véhicules à ordures

Publication

EP 1384691 B1 20040421 (DE)

Application

EP 03014701 A 20030627

Priority

DE 20210681 U 20020710

Abstract (en)

[origin: EP1384691A1] The lift and swing device includes a load cell (9) connected between the holder (4) for the bins and the lifting and swinging mechanism (2) and is to determine the tipped out waste weight. The load cell is installed in an inclined position in such a way that it occupies a vertical orientation in an intermediate pivoted position of the bin holder between its loading position and tip-out position. In the loading position of the bin holder the load cell is inclined at an angle of preferably 30 degrees to the vertical.

IPC 1-7

B65F 3/04

IPC 8 full level

B65F 3/04 (2006.01); **B65F 3/02** (2006.01)

CPC (source: EP)

B65F 3/043 (2013.01); **B65F 2003/022** (2013.01)

Cited by

CN111646068A

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

DE 20210681 U1 20030109; DE 50300008 D1 20040527; EP 1384691 A1 20040128; EP 1384691 B1 20040421

DOCDB simple family (application)

DE 20210681 U 20020710; DE 50300008 T 20030627; EP 03014701 A 20030627