

Title (en)

Device for emptying a waste container into a receiving container of a refuse collection vehicle

Title (de)

Vorrichtung zum Entleeren von Müllbehältern in den Sammelbehälter eines Sammelfahrzeugs

Title (fr)

Dispositif pour vider des poubelles dans la benne d'un véhicule de ramassage

Publication

EP 0647574 B1 19970723 (EN)

Application

EP 94202875 A 19941005

Priority

NL 9301719 A 19931006

Abstract (en)

[origin: EP0647574A1] The invention relates to a device mounted on a refuse collection vehicle (1) for emptying waste containers (4) into a receiving container (5) of the refuse collection vehicle (1). By means of an image sensor (6), one or more ready waste containers (4) are detected and displayed on a viewing screen (7) in the driver's cab (8). With means provided in the driver's cab (8), one of the waste containers (4) can then be selected for emptying by means of the image displayed on the viewing screen (7), following which a jib (2) mounted on the refuse collection vehicle (1) moves towards the selected waste container (4) on the basis of control signals generated by the device, lifts said waste container up and moves it into a position in which it can be emptied. The device also comprises means for reading out information provided on a waste container (4) to be emptied, as well as recording means for storing information. <IMAGE>

IPC 1-7

B65F 3/02

IPC 8 full level

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

CPC (source: EP)

B65F 1/1484 (2013.01); **B65F 3/0203** (2013.01); **B65F 2003/022** (2013.01)

Cited by

DE19820143C1; EP0955251A1; EP1306321A1; NL1007724C2; EP1008537A1; NL1010751C2; EP0913342A1; NL1007388C2; EP3160872A4; EP0955252A1; WO9933329A1; WO0172609A3; WO2011044633A1

Designated contracting state (EPC)

BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0647574 A1 19950412; **EP 0647574 B1 19970723**; **EP 0647574 B2 20010816**; DE 69404411 D1 19970904; DE 69404411 T2 19971211; DE 69404411 T3 20011018; ES 2105495 T3 19971016; ES 2105495 T5 20020201; NL 9301719 A 19950501

DOCDB simple family (application)

EP 94202875 A 19941005; DE 69404411 T 19941005; ES 94202875 T 19941005; NL 9301719 A 19931006