

Title (en)

Truck-associated device for gripping and automatically lifting refuse collection bins

Title (de)

Auf einem Fahrzeug angebrachte selbsttätige Hub-Kippvorrichtung für Müllbehälter

Title (fr)

Dispositif de préhension et levement automatique pour récipients collecteurs d'ordures associé à un véhicule

Publication

EP 0708038 A1 19960424 (EN)

Application

EP 95115609 A 19951004

Priority

IT MI942099 A 19941013

Abstract (en)

A truck-associated device for gripping and automatically lifting a refuse collection bin (18), of the type comprising lifting means (2) to which bin gripper arms (1) are connected. The lifting means (2) comprise at least one elongate support structure (8) hinged at its upper end (9) to supports (10) rigidly fixed to the frame of the truck body (11), and connected to the gripper arms (1) at its lower end (7), which is substantially parallel to its upper end, said arms being able to rotate relative to the central structure, the movement of approach and withdrawal (Figure 3) of the device to and from the bin (18) being achieved by the combination of only two rotary movements, namely a rotary movement of said structure (8) relative to the truck body (11) and a rotary movement of the arms (1) relative to the structure. <IMAGE>

IPC 1-7

B65F 3/04

IPC 8 full level

B65F 3/04 (2006.01)

CPC (source: EP)

B65F 3/041 (2013.01); **B65F 3/046** (2013.01)

Citation (applicant)

IT 2240087 A 19871023

Citation (search report)

- [XY] DE 8811472 U1 19881027
- [DYA] EP 0312900 A2 19890426 - BERGOMI SPA [IT]
- [X] EP 0577566 A1 19940105 - OMB BRESCIA SRL [IT]
- [A] EP 0201314 A2 19861112 - DEMPSTER SYSTEMS INC [US]

Designated contracting state (EPC)

AT DE ES FR GB IT PT SE

DOCDB simple family (publication)

EP 0708038 A1 19960424; IT 1276857 B1 19971103; IT MI942099 A0 19941013; IT MI942099 A1 19960413

DOCDB simple family (application)

EP 95115609 A 19951004; IT MI942099 A 19941013