

Title (en)  
Device for handling garbage containers

Title (de)  
Vorrichtung zur Handhabung von Müllbehältern

Title (fr)  
Dispositif de manutention de conteneurs à déchets

Publication  
**EP 0894739 A1 19990203 (EN)**

Application  
**EP 97650030 A 19970731**

Priority  
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Abstract (en)  
The invention relates to a device (4) for taking up a garbage container and emptying it into a collection container positioned on the chassis (1) of a garbage collection truck, said device (4) comprising a gripping member (30) being operable to grip the garbage container, raise it and tilt it over, so that the garbage present therein falls out into the collection container (4), characterized in that the device comprises a lift arm (25) and a swing/tilt arm (26) at the end of which is rotatably mounted the container engaging unit, the lift arm (25) being linked in a first parallel linkage arrangement (32) with a first pivot arm (33) and the swing/tilt arm being linked in a second parallel linkage arrangement with a second pivot arm (43); a rotary actuator being provided between the first parallel linkage arrangement and the second parallel linkage arrangement so that the swing/tilt arm (26) can turn through an angle of approximately 90 DEG about its axis of rotation in the horizontal plane, and also tilt upwardly and downwardly relative to the same axis, whereby a garbage container placed within the reach of the device and at the side of the truck can be gripped, picked up and be rotated rearwardly in order to be brought over the collection container and to be emptied therein and whereby the device is selectively operable to lift and empty individual garbage containers from a group of garbage containers without having to move the truck. <IMAGE>

IPC 1-7  
**B65F 3/04**

IPC 8 full level  
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**B65F 3/048** (2013.01); **B65F 2003/008** (2013.01); **B65F 2003/0273** (2013.01)

Citation (applicant)  
EP 0638491 B1 19970312 - DOOREMAAL HOLDING VAN [NL]

Citation (search report)  
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• [A] AU 640156 B2 19930819  
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