

Title (en)

A device for tipping a refuse container into the body of a refuse-collection vehicle

Title (de)

Vorrichtung zum Entleeren eines Müllbehälters in den Sammelbehälter eines Müllfahrzeuges

Title (fr)

Dispositif pour vider un récipient à ordures dans la benne d'un véhicule de ramassage d'ordures

Publication

EP 0745544 B1 20000301 (EN)

Application

EP 96108692 A 19960531

Priority

IT TO950462 A 19950602

Abstract (en)

[origin: EP0745544A1] A device for tipping a refuse container over the body (2) of a refuse-collection vehicle (1) includes a guide structure (5) which can move between a position substantially parallel to a side wall (2a) of the vehicle (1) and a position inclined thereto. A carriage (9) is slidable along the guide structure (5) between a lowered position and a raised position upon actuation of first actuator means (13). A pair of arms (25) for picking up the container (C) are adapted to rotate relative to the carriage on actuation of second actuator means (23) which control the rotation of the arms (25) between a position in which they engage the container (C) and a position in which it is raised. A swingable member (18) is interposed between the guide structure (5) and the vehicle and articulated to the vehicle (1) and to the guide structure (5), a support rod (15) which can slide relative to the vehicle (1) in such a way that it can project in a direction transverse the side wall (2a) of the vehicle (1) is also articulated to the lower part of the guide structure (5). <IMAGE>

IPC 1-7

B65F 3/08

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1454848A1; EP1887229A1; ES2721550A1; EP1389591A1; EP1142803A1; NL2005788C2; EP1238166A4; US6612051B2; US6948266B1

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