

Title (en)

An apparatus for lifting and tilting a refuse container

Title (de)

Hub-Kippvorrichtung für einen Müllbehälter

Title (fr)

Dispositif pour soulever et basculer un récipient à ordures

Publication

**EP 1454848 A1 20040908 (EN)**

Application

**EP 04004671 A 20040301**

Priority

IT TO20030151 A 20030303

Abstract (en)

A carriage (20) is slidable between a lowered position and a raised position along a guiding structure (11) to be mounted superiorly to a vehicle and rotatably in a vertical plane. A hydraulic cylinder (13) moves the guiding structure nearer to and farther from a side of the vehicle. Mounted on the carriage (20) are arms (23) for gripping and tilting a bin, and a hydraulic cylinder (24) for controlling the gripping and tilting movements of the arms (23). The guiding structure comprises a first guiding frame (11) mounted superiorly to the vehicle and rotatably in a vertical plane, and a second guiding frame (16) slidably mounted along the first frame between a lowered position and a raised position. The second frame forms guides (22) for sliding the carriage (20) along the second frame (16) between a raised position and a lowered position. The movement of the carriage along the second frame (16) and of this along the first frame is controlled by one or more hydraulic cylinders (25). <IMAGE>

IPC 1-7

**B65F 3/08**

IPC 8 full level

**B65F 3/08** (2006.01); **B65F 3/02** (2006.01)

CPC (source: EP)

**B65F 3/08** (2013.01); **B65F 7/005** (2013.01); **B65F 2003/0273** (2013.01); **B65F 2003/0276** (2013.01)

Citation (applicant)

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Citation (search report)

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- [Y] EP 0745544 A1 19961204 - FARID IND SPA [IT]
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