

Title (en)
LIFTING AND TIPPING DEVICE

Title (de)
HUBKIPPVORRICHTUNG

Title (fr)
DISPOSITIF DE LEVAGE ET DE CULBUTAGE

Publication
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Application
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Priority
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Abstract (en)
[origin: WO9958431A1] The invention relates to a lifting and tipping device for emptying containers into the loading opening of a collecting container, especially for emptying refuse containers (50) into the collecting container (12) of a refuse truck (10). The lifting and tipping device (5) has a swivel drive device (32) in the area of the loading opening (14) to which at least one swivel arm (38) with a device (46) for receiving a container is connected with a non-positive fit. The aim of the invention is to provide a lifting and tipping device (5a, 5b) which is as compact as possible and in which the device (46) for receiving a container moves substantially from the bottom upwards without a significant horizontal component when it takes hold of the refuse container (50). To this end the invention provides for the swivel drive device (32) to be fixed to a slide (60) guided in at least one vertical rail (16), and for means which transform the rotation of the swivel drive device (32), during a simultaneous swivel movement of the swivel arm (38), into a lifting movement of the slide (60) which stops at a defined height of lift. The slide (60) can be locked in relation to the rail (16) at the defined height of lift.

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