

Title (en)

A device for engaging, lifting and tilting trash or refuse bins, intended for side loading trucks.

Title (de)

Greif-, Hub- und Kippvorrichtung zum Entleeren von Müllbehältern, wobei die Vorrichtung an der Seite eines Müllfahrzeuges angebracht ist.

Title (fr)

Dispositif pour saisir, lever et culbuter un récipient à ordures, ce dispositif étant disposé sur le côté latéral d'un véhicule.

Publication

EP 0312900 B1 19940302 (EN)

Application

EP 88116913 A 19881012

Priority

IT 2240087 A 19871023

Abstract (en)

[origin: EP0312900A2] A device (9) for engaging, lifting and tilting a trash or refuse bin (10), intended for a side loading truck (1), which features a simple and reliable construction and provides for full discharge of the trash material from the bin (10) into the truck (1), comprises an articulated quadrilateral (27) for bin lifting having its fixed side (17) associated with a slide (12) slidable toward and away from the bin (10), its moving side (21) carrying bin-engaging arms (11), and a pair of rocker arms (25,26) wherein the lower rocker arm (26) is extensible by rotation of the moving side (21) of the quadrilateral (27) about the end of the upper rocker arm (25), to turn the bin (10) upside down and accordingly discharge the trash material into the truck body (2), or truck (1) hopper if so equipped.

IPC 1-7

B65F 3/04

IPC 8 full level

B65F 3/04 (2006.01); **B65F 3/02** (2006.01)

CPC (source: EP)

B65F 3/048 (2013.01); **B65F 2003/0276** (2013.01)

Cited by

EP0675058A1; US5988970A; CN112389908A; US5931628A; US7147360B2; EP0648182A4; US5651654A; EP0708038A1; US5833429A; US5720589A; EP0667308A1; CN103708152A; US5934867A; US5938394A; US5797715A; US5613822A; EP0684193A3; WO9703901A1; WO9707040A1; US6350098B1; EP2949603A1

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