

Title (en)

Lifting device for emptying refuse receptacles and/or receptacles for recyclable materials in a waste disposal vehicle

Title (de)

Hubvorrichtung für ein in ein Entsorgungsfahrzeug zu entleerendes Müll- und/oder Wertstoff-Gefäß

Title (fr)

Dispositif de levage pour vider des poubelles et/ou des récipients pour matériaux récupérables dans un véhicule d'évacuation de déchets

Publication

EP 0700840 B1 19980617 (DE)

Application

EP 95103287 A 19950308

Priority

DE 9414479 U 19940907

Abstract (en)

[origin: EP0700840A1] The lifter incorporates a toggle lever (26). One lever end is fastened to the lifting frame (7) via a pivot joint (28), the other end is fastened to a clamp jaw (22) via another pivot joint (30). One end of a piston-cylinder drive (32) engages on a toggle joint (31) of the lever, which is located between the pivot joints. The toggle lever is angled when the clamp jaw is in open position, and is extended, when the jaw is in closed position. The piston-cylinder drive may have a power accumulator, which acts in the direction of the extended toggle lever position. The spring can consist of a pre-tensioned helical pressure spring (43).

IPC 1-7

B65F 3/04

IPC 8 full level

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

CPC (source: EP)

B65F 3/04 (2013.01); **B65F 2003/0236** (2013.01); **B65F 2003/024** (2013.01)

Cited by

CN106081437A; EP0963923A2; WO0018669A3

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