

Title (en)

Container lifting and tipping mechanism with a retractable abutment

Title (de)

Hub-Kippvorrichtung für Behälter mit aus- und einfahrbarem Anschlag

Title (fr)

Lève conteneurs à butoir escamotable

Publication

EP 0671347 B1 19980204 (FR)

Application

EP 95400501 A 19950308

Priority

FR 9403014 A 19940310

Abstract (en)

[origin: EP0671347A1] The tipping system, esp. for domestic waste bins (10) has a buffer (110) linked to a bin lifter with a mechanism (131, 132) for deploying and retracting the buffer, operated as the bin is raised and lowered respectively. The buffer, which presses against the surface of a bin when deployed, has at least one hook (111) for engaging with a handle (11) in the middle of the bin. The deployment/retraction mechanism comprises a cam which provides the trajectory of the moving bin, at least one roller (131,132) which is carried by the buffer and interacts with the cam, and a drive motor.

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 2003/024** (2013.01); **B65F 2003/0246** (2013.01)

Cited by

GB2322351A

Designated contracting state (EPC)

BE DE ES GB IT NL PT

DOCDB simple family (publication)

EP 0671347 A1 19950913; **EP 0671347 B1 19980204**; DE 69501559 D1 19980312; DE 69501559 T2 19980528; ES 2115326 T3 19980616; FR 2717159 A1 19950915; FR 2717159 B1 19960503

DOCDB simple family (application)

EP 95400501 A 19950308; DE 69501559 T 19950308; ES 95400501 T 19950308; FR 9403014 A 19940310