

Title (en)

TIPPING OR LIFTING/TIPPING DEVICE FOR EMPTYING RECEPTACLES INTO COLLECTING RECEPTACLES, ESPECIALLY OF DUST BINS INTO A COLLECTING CONTAINER OF A REFUSE-COLLECTING VEHICLE

Publication

EP 0173180 B1 19871111 (DE)

Application

EP 85110254 A 19850816

Priority

- DE 3430643 A 19840821
- DE 3527022 A 19850727

Abstract (en)

[origin: DE3560942D1] The container is handled by a support frame, which grips the upper part on profiled grips, with the lower part supported by a bracing frame (116). The latter is located at the rear of a truck and tips the container over the loading lip of the vehicle. The container grip frame is supported by extending, jointed arms so that they can transfer the containers from the truck side to the tipping position.

IPC 1-7

B65F 3/04

IPC 8 full level

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

CPC (source: EP US)

B65F 3/045 (2013.01 - EP US); **B65F 2003/024** (2013.01 - EP US); **B65F 2003/0296** (2013.01 - EP US)

Cited by

DE19512853A1; CN108974730A; EP0312900A3; EP0463386A1; EP0391225A1; US5062759A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0173180 A1 19860305; **EP 0173180 B1 19871111**; AU 4651385 A 19860227; AU 572684 B2 19880512; DE 3527022 A1 19860306; DE 3560942 D1 19871217; DK 161449 B 19910708; DK 161449 C 19920106; DK 378285 A 19860222; DK 378285 D0 19850820; JP H0790881 B2 19951004; JP S61124402 A 19860612; US 4722658 A 19880202; US 4889462 A 19891226

DOCDB simple family (application)

EP 85110254 A 19850816; AU 4651385 A 19850821; DE 3527022 A 19850727; DE 3560942 T 19850816; DK 378285 A 19850820; JP 18194685 A 19850821; US 13941687 A 19871230; US 76730885 A 19850819