

Title (en)

Lifting/tipping or tipping device for emptying refuse receptacles

Title (de)

Hubkipp- oder Kippvorrichtung zum Entleeren von Müllbehältern

Title (fr)

Dispositif de soulèvement/basculement ou de basculement pour le vidage de poubelles

Publication

EP 0691288 B1 19990728 (DE)

Application

EP 95109895 A 19950624

Priority

DE 4423266 A 19940702

Abstract (en)

[origin: EP0691288A1] The device comprises a grip rail (7) which seizes the bin and is fixed on the lift frame (2) to swivel from a pick-up position (A) about a horizontal axis (9) towards the collecting container into a rest position (R) and back again. The lift frame (2) has an additional pick-up body with triangular pick-up claw (12) which is mounted fixed displaceable vertically from a lower rest position (R) into an upper pick-up position (A) and back again. A piston cylinder unit (17) between the grip rail (7) and pick-up body (11) can be operated to move the grip rail into the pick up position and the pick-up body into the rest position, and vice versa. This unit can be controlled by a signal from a reading/identification system. <IMAGE>

IPC 1-7

B65F 3/04

IPC 8 full level

B65F 3/04 (2006.01)

CPC (source: EP)

B65F 3/04 (2013.01); **B65F 2003/024** (2013.01); **B65F 2003/0296** (2013.01)

Citation (examination)

EP 0624530 A1 19941117 - OTTO LIFT SYSTEME GMBH [DE]

Cited by

CN102535370A; EP0776836A1; FR2948348A1; EP1553029A1; WO2011010073A1

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EP 0691288 A1 19960110; EP 0691288 B1 19990728; AT E182551 T1 19990815; CZ 174995 A3 19960214; CZ 287974 B6 20010314; DE 4423266 C1 19960215; DE 59506456 D1 19990902; ES 2135633 T3 19991101; HU 215358 B 19981228; HU 9501758 D0 19950828; HU T74283 A 19961128; PL 176149 B1 19990430; PL 309460 A1 19960108; RU 2107014 C1 19980320; RU 95110764 A 19970427; SK 281034 B6 20001107; SK 85295 A3 19960807; UA 27955 C2 20001016

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EP 95109895 A 19950624; AT 95109895 T 19950624; CZ 174995 A 19950703; DE 4423266 A 19940702; DE 59506456 T 19950624; ES 95109895 T 19950624; HU 9501758 A 19950616; PL 30946095 A 19950630; RU 95110764 A 19950630; SK 85295 A 19950629; UA 95062996 A 19950626