

Title (en)

A device being designed for picking up containers and applicable to garbage collecting trucks

Title (de)

An Müllsammelfahrzeugen anwendbare Vorrichtung zum Greifen von Behältern

Title (fr)

Dispositif de préhension des récipients applicable à des véhicules de ramassage d'ordures

Publication

**EP 1584577 A3 20051019 (EN)**

Application

**EP 05380016 A 20050131**

Priority

- ES 200400426 U 20040225
- ES 200400535 U 20040305

Abstract (en)

[origin: EP1584577A2] The device comprises a cross member (1) having laterally fitted to each of its lateral portions a respective arm (2,3) being provided with container picking up means (13,14) and with gripping means (26,27), complementary fastening means (28) being centrally fitted to the cross member (1). The lateral arms (2,3) are fitted in a sliding arrangement onto the cross member (1), and the central fastening means (28) comprise two subarms (29,30) being apt to adopt an active position being parallel to said arms (2,3) and a passive position being parallel to the cross member (1). The gripping means (26,27) are formed by two halves (37,38) at their mutually opposite edges being each linked in a pin-jointed connection to a respective pin (39,40) being fixed to a support (41) being solid with the corresponding arm (2,3), said halves (37,38) being mutually related with means (42) being actuated by a cylinder (43) in order to thus have said halves (37,38) acting as a gripper. <IMAGE> <IMAGE>

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 2003/0226** (2013.01); **B65F 2003/0233** (2013.01); **B65F 2003/0243** (2013.01); **B65F 2003/0289** (2013.01)

Citation (search report)

- [XA] FR 2447880 A1 19800829 - PLASTIC OMNIUM CIE
- [X] DE 20116304 U1 20030220 - OCHSNER AG URDORF J [CH]
- [A] FR 2445810 A1 19800801 - PLASTIC OMNIUM CIE

Cited by

ES2560978A1; US2015030419A1; US9505553B2; US11945647B2; WO2020019605A1; WO2017028953A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1584577 A2 20051012; EP 1584577 A3 20051019**

DOCDB simple family (application)

**EP 05380016 A 20050131**