

Title (en)
WASTE CONTAINER LOADING DEVICE ON A BIN-WASHER MOTOR VEHICLE, AND BIN-WASHER MOTOR VEHICLE EQUIPPED WITH SAID DEVICE

Title (de)
LADEVORRICHTUNG FÜR ABFALLBEHÄLTER AUF EINEM MÜLLREINIGUNGSFAHRZEUG UND MÜLLREINIGUNGSFAHRZEUG MIT DIESER VORRICHTUNG

Title (fr)
DISPOSITIF DE CHARGEMENT DE CONTENEURS À DÉCHETS SUR UN VÉHICULE À MOTEUR DE LAVAGE DE POUBELLES, ET VÉHICULE À MOTEUR DE LAVAGE DE POUBELLES ÉQUIPÉ DE CE DISPOSITIF

Publication
EP 4227242 A1 20230816 (EN)

Application
EP 23153792 A 20230127

Priority
IT 202200002603 A 20220214

Abstract (en)
The washing unit (2) of a bin-washer motor vehicle (3) is supported by a chassis (7) having an upper surface lying in a geometric reference plane (P) spaced parallel to a road surface (T). A loading device (1) comprises two lifting arms (8) each having a proximal end (11) and a distal end (12) carrying a gripping terminal (12a). A rotational drive assembly (9) operates to rotate the lifting arms (8) around a rotation axis (X) towards a gripping position in which the gripping terminal (12a) is moved away from the washing unit (2). Each lifting arm (8) has a first portion (8a) extending from the proximal end (11), and a second portion (8b) engaged to the first portion (8a) and sliding radially with respect to the rotation axis (X) towards an extracted position in which the gripping terminal (12a) is moved away from the rotation axis (X).

IPC 8 full level
B65F 7/00 (2006.01)

CPC (source: EP)
B65F 7/005 (2013.01)

Citation (applicant)
EP 1454848 A1 20040908 - FARID IND SPA [IT]

Citation (search report)

- [XAYI] EP 0667308 A1 19950816 - PORCELLI VIGILIO [IT], et al
- [X] DE 102015010610 A1 20170223 - STACH LOTHAR [DE]
- [X] CN 109748015 A 20190514 - YANTAI HAIDE SPECIAL VEHICLE CO LTD
- [Y] EP 3862295 A1 20210811 - TERBERG MACHINES [NL]
- [YA] EP 3401239 A1 20181114 - ZUKUNFT INVEST [FR]

Designated contracting state (EPC)
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