

Title (en)

Refuse collection vehicle with side loader.

Title (de)

Müllsammelfahrzeug mit seitlich angebrachter Ladevorrichtung

Title (fr)

Véhicule de ramassage d'ordures avec dispositif de chargement latéral

Publication

EP 1020375 A1 20000719 (EN)

Application

EP 00200032 A 20000111

Priority

NL 1011031 A 19990114

Abstract (en)

A refuse collection vehicle is provided with a loading device (8) for gripping, picking up, emptying and putting back down refuse containers (9). The loading device (8) is designed so that it can be moved towards a refuse container (9) which is to be emptied and comprises a movable lifting arm (10) which is mounted on the vehicle and is provided at its end with a gripping device (11) for gripping refuse containers (9). The gripping device (11) comprises a support part (12) which is attached to the end of the lifting arm (10), and a gripper member (13, 14) which is connected to the support part (12). The vehicle is furthermore provided with control means for controlling the loading device. The gripping device (11) is provided with a detection member (22) which is connected to the control means, is directed towards the working area (21) of the gripper member (13, 14) and is designed to signal the presence of a refuse container (9) in this area (21). <IMAGE>

IPC 1-7

B65F 3/04

IPC 8 full level

B65F 3/04 (2006.01); **B65F 3/20** (2006.01); **B65F 3/02** (2006.01)

CPC (source: EP)

B65F 3/04 (2013.01); **B65F 3/201** (2013.01); **B65F 2003/023** (2013.01); **B65F 2003/0276** (2013.01)

Citation (search report)

- [X] DE 29808379 U1 19981210 - FAUN UMWELTTECHNIK GMBH & CO [DE]
- [X] EP 0818403 A1 19980114 - ZOELLER KIPPER [DE]
- [A] EP 0709310 A1 19960501 - OMB BRESCIA SRL [IT]
- [A] US 5762461 A 19980609 - FROHLINGSDORF UDO [DE]

Cited by

EP1323646A1; NL1020540C2; EP1321383A1; CN111348354A; EP1179489A1; CN110562641A; CN112938253A; CZ303623B6; AU2017293654B2; EP3153434A1; FR2964675A1; EP2428623A3; US9296326B1; US11603265B2; EP2428623A2; WO2018006130A3; WO2017054039A1; US10358287B2; US10974895B2; US11319147B2; US11608226B2; US11236477B2; US11453550B2; US11858735B2; US11208262B2; US11807450B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1020375 A1 20000719; NL 1011031 C2 20000717

DOCDB simple family (application)

EP 00200032 A 20000111; NL 1011031 A 19990114