

Title (en)
REFUSE-COLLECTING VEHICLE WITH AN INTERCHANGEABLE COLLECTING RECEPTACLE

Publication
EP 0163859 B1 19891129 (DE)

Application
EP 85104353 A 19850410

Priority
DE 3420058 A 19840529

Abstract (en)
[origin: US4715767A] A motor-driven garbage truck provided with a detachable garbage container equipped with releasable coupling elements, and also having permanently mounted thereon which includes a pouring chute in the forward portion, lifting and tipping apparatus for picking up a garbage can and discharging the contents thereof into the chute leading to a receiving space, and a conveying and compacting apparatus for transferring the garbage from the receiving space into the container through the receiving opening, which is provided with a closure is disclosed. The pouring unit is disposed in part above the driver's cab and in part between the cab and the container, the chute being disposed in a region extending behind and above the cab. The lifting and tipping apparatus includes at least one lifting arm, pivotally movable about a transverse pivot carried by the pouring unit or the chassis of the vehicle. The lifting arm carries at its free end a carrying rail, which is parallel to the transverse pivot and pivotally movable between a pick-up position, in which the rail is disposed below and in front of the driver's cab, and a pouring position, in which the rail is disposed above and behind the cab. The rail is provided with a displaceable or pivotally movable, extensible coupling or gripping member for coupling to or gripping a garbage can placed on the street.

IPC 1-7
B65F 3/00; **B65F 3/04**; **B65F 3/20**

IPC 8 full level
B65F 1/12 (2006.01); **B65F 3/00** (2006.01); **B65F 3/04** (2006.01); **B65F 3/14** (2006.01); **B65F 3/20** (2006.01); **B65F 3/02** (2006.01)

CPC (source: EP US)
B65F 1/122 (2013.01 - EP US); **B65F 3/143** (2013.01 - EP US); **B65F 3/201** (2013.01 - EP US); **B65F 2003/008** (2013.01 - EP US); **B65F 2003/0273** (2013.01 - EP US); **B65F 2003/0279** (2013.01 - EP US); **Y10S 220/908** (2013.01 - EP US)

Cited by
EP0795494A1; CN104016049A; FR2681650A1; FR2584051A1; EP0218965A3; US4998640A; EP0230663A3; DE4128415A1; EP0185382A3; US5203669A; EP0245850A3; DE3615998A1; EP0414235A1; EP0235824A3; EP0327948A3; DE3804090A1; EP0295574A3; DE3631914C1; EP0244732A3; US4844682A; EP0860380A1; US5669643A; EP0496302A1; EP0453940A1; DE3825184A1; EP0214453A3; EP1321383A1; WO9622930A1; EP1103493A1; EP0989075A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0235784 A2 19870909; **EP 0235784 A3 19871125**; **EP 0235784 B1 19890201**; AT E40540 T1 19890215; AT E48263 T1 19891215; DE 3420058 A1 19851205; DE 3568021 D1 19890309; DE 3574466 D1 19900104; EP 0163859 A2 19851211; EP 0163859 A3 19870715; EP 0163859 B1 19891129; US 4715767 A 19871229; US 5064332 A 19911112; US 5114304 A 19920519

DOCDB simple family (application)
EP 87102928 A 19850410; AT 85104353 T 19850410; AT 87102928 T 19850410; DE 3420058 A 19840529; DE 3568021 T 19850410; DE 3574466 T 19850410; EP 85104353 A 19850410; US 46464890 A 19900111; US 55725490 A 19900724; US 73386585 A 19850514