

Title (en)

Refuse collection vehicle provided with safety means

Title (de)

Müllsammel-Fahrzeug mit Sicherheitseinrichtung

Title (fr)

Véhicule de ramassage d'ordures avec dispositif de sécurité

Publication

**EP 0818402 B1 20030521 (EN)**

Application

**EP 97202069 A 19970704**

Priority

NL 1003535 A 19960708

Abstract (en)

[origin: EP0818402A1] A refuse collection vehicle comprising a chassis (1), a body (2) mounted on the chassis and a loading device for emptying refuse containers into the body, the vehicle (4) being provided with protective means for the prevention of unsafe situations. The protection means comprise at least one contactless detection element (7) which is connected to control means of the refuse collection vehicle. The detection element is arranged on a movable part of the loading device (4) and is designed to scan a two- or three-dimensional scanned area (7a) (window). The detection element (7) is in particular connected to control means of the loading device (4) and is designed to protect the working area of the loading device. In this case, the scanned area (7a) of the detection element (7) corresponds to at least part of the working area of the loading device (4). The detection element may furthermore also be connected to other protective systems of the vehicle. <IMAGE>

IPC 1-7

**B65F 3/00**

IPC 8 full level

**B65F 3/00** (2006.01)

CPC (source: EP)

**B65F 3/00** (2013.01); **B65F 3/001** (2013.01); **B65F 2003/003** (2013.01)

Cited by

EP1179489A1; EP4342818A1; EP1674411A1; NL1027866C2; EP4269279A1; EP1619143A1; EP3118141A1; NL2015164B1; WO2018009961A1; WO2020234437A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL SE

DOCDB simple family (publication)

**EP 0818402 A1 19980114**; **EP 0818402 B1 20030521**; AT E240890 T1 20030615; DE 69722081 D1 20030626; DE 69722081 T2 20031211; DK 0818402 T3 20030901; ES 2200116 T3 20040301; NL 1003535 C2 19980112

DOCDB simple family (application)

**EP 97202069 A 19970704**; AT 97202069 T 19970704; DE 69722081 T 19970704; DK 97202069 T 19970704; ES 97202069 T 19970704; NL 1003535 A 19960708