

Title (en)

Hopper of a refuse collecting vehicle for the separate collecting of refuse

Title (de)

Einschüttgehäuse eines Müllsammelfahrzeugs zum getrennten Sammeln von Müll

Title (fr)

Trémie d'un véhicule de ramassage d'ordures pour le ramassage séparé d'ordures

Publication

**EP 0963922 A1 19991215 (EN)**

Application

**EP 98830287 A 19980513**

Priority

EP 98830287 A 19980513

Abstract (en)

A dividing baffle (21) delimits in a loading hopper (5) a first and a second chamber (5a,5b), consecutively set side by side away from a body (4) of a vehicle (2). The dividing baffle, able to collimate at the top with a dividing wall of a container upset above the hopper (5), presents a lower edge (21a) movable vertically to open and shut communication between the collection chambers (5a, 5b). A first waste received in the first chamber (5a) falls onto a fixed bottom (11) to be transferred into a lower compartment (4a) of the body (4). A second waste received in the second chamber (5b) is transferred into an upper compartment (4b) of the body (4) after a movable bottom (16) is distended in the hopper (5) and the lower edge (21a) is raised to allow the passage of a thruster (14) underneath the dividing baffle (21). <IMAGE>

IPC 1-7

**B65F 3/00**; **B65F 3/20**

IPC 8 full level

**B65F 3/00** (2006.01); **B65F 3/20** (2006.01)

CPC (source: EP)

**B65F 3/001** (2013.01); **B65F 3/201** (2013.01)

Citation (search report)

- [DA] EP 0718217 A1 19960626 - OMB BRESCIA SRL [IT]
- [A] EP 0356833 A1 19900307 - OTTO LIFT SYSTEME GMBH [DE]
- [A] DE 3703557 A1 19880818 - MEHRKAMMER MUELL SYSTEM GMBH [DE]
- [A] US 5599071 A 19970204 - KANN DIRK C [US], et al
- [A] US 5584642 A 19961217 - HUNTOON RUSSELL C [US]
- [A] WO 9322227 A1 19931111 - MANCO ENGINEERING GROUP LIMITE [NZ], et al

Cited by

CN107320881A; ES2178534A1

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