

Title (en)
Refuse collection system for sloping ground surfaces

Title (de)
Abfallsammelsystem für geneigte Bodenflächen

Title (fr)
Système de collecte des déchets pour sols inclinés

Publication
EP 2107016 A1 20091007 (EN)

Application
EP 08153743 A 20080331

Priority
EP 08153743 A 20080331

Abstract (en)
A refuse collection system comprises a chamber (1) which is permanently located in the ground (2) and which opens at ground level or above ground level at the top; a cover (3) for opening and closing off the chamber (1), a container (14), open at the top and supports (36) by means of which the container (14) is supported in the chamber (1) for collecting refuse via a deposit opening (5) in the cover (3). The refuse collection system comprises also a vehicle (18) that is provided with lifting gear (20) for lifting said container (14) out of the chamber (1) respectively lowering the container (14) into the chamber (1). Said container (14) and lifting gear (20) are provided with coupling means (17,23) for coupling the lifting gear (20) to the container (14). A ground placement location (44) is provided for placing the vehicle (18) next to a vehicle placement side (45) of the chamber (1) which faces the ground placement location (44) with the aim of lifting respectively lowering the container (14) with respect to the chamber (1). The supports (36) are located at opposite sides of the chamber (1) in such a way that the container (14) is pivotable with respect to the chamber (1) according to a pivot axis (43) defined by said supports (36).

IPC 8 full level
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CPC (source: EP)
B65F 1/1447 (2013.01); **B65F 3/00** (2013.01); **B65F 3/04** (2013.01); **B65F 2003/0223** (2013.01); **B65F 2210/184** (2013.01)

Citation (applicant)
EP 1679271 A1 20060712 - WASTEC BV [NL]

Citation (search report)
• [DA] EP 1679271 A1 20060712 - WASTEC BV [NL]
• [A] EP 1306321 A1 20030502 - TERBERG MACHINES [NL]
• [A] EP 1167241 A1 20020102 - BAMMENS BV [NL]

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Designated extension state (EPC)
AL BA MK RS

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