

Title (en)
WASTE COLLECTION SYSTEM AND METHOD FOR OPERATING

Title (de)
ABFALLSAMMELSYSTEM UND VERFAHREN ZU DEREN BETRIEB

Title (fr)
Système de collecte de déchets et procédé de fonctionnement

Publication
EP 2883815 A1 20150617 (EN)

Application
EP 14197208 A 20141210

Priority
NL 2011929 A 20131210

Abstract (en)
A waste collection system comprises at least one container (2) in which waste can be accommodated, a vehicle (1) with a drivable substructure (5), a waste collection area (26) on the substructure (5) and a handling mechanism with an arm (6) for transferring the waste container (2) from an area (41) next to the substructure (5) to a position close to the loading opening (27) of the waste collection area (26). Tilting means (28) with a tilting driving means (31) provide for tilting the container (2) in relation to the waste collection area (26) for emptying the waste from the container (2) into the loading opening (27) of the waste collection area (26). The container (2) and arm (6) are provided with a connecting mechanism (17; 25, 32) for connecting the container (2) with the arm (6). To avoid overloading the arm (6), the tilting means (28) are directly supported on the substructure (5) and the tilting driving means (31) interacts directly with the substructure (5).

IPC 8 full level
B65F 3/02 (2006.01); **B65F 1/14** (2006.01)

CPC (source: EP)
B65F 3/0203 (2013.01); **B65F 1/1447** (2013.01)

Citation (applicant)
• DE 20312138 U1 20031016 - GEORG ENTSORGUNGSSYSTEME GMBH [DE]
• WO 9850293 A1 19981112 - GEESINK GROUP B V [NL], et al

Citation (search report)
• [XDA] DE 20312138 U1 20031016 - GEORG ENTSORGUNGSSYSTEME GMBH [DE]
• [X] GB 1012273 A 19651208 - JANES MECHANICAL HANDLING LTD
• [AD] WO 9850293 A1 19981112 - GEESINK GROUP B V [NL], et al
• [A] DE 1481236 A1 19691009 - HALLER GMBH FAHRZEUGBAU
• [A] DE 4341762 A1 19950614 - HUEFFERMANN NUTZFAHRZEUGE GMBH [DE]

Cited by
DE102017123369A1; WO2019072435A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2883815 A1 20150617; EP 2883815 B1 20210224; DK 2883815 T3 20210406; NL 2011929 C2 20150611; SI 2883815 T1 20210531

DOCDB simple family (application)
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