

Title (en)

AUTOMATED BIN FOR EMPTYING WASTE AND WASTE EMPTYING SYSTEM THEREOF

Title (de)

AUTOMATISCHER ABFALLENTLEERUNGSBEHÄLTER UND ABFALLENTLEERUNGSSYSTEM

Title (fr)

BAC AUTOMATISÉ POUR LA VIDANGE DES DÉCHETS ET SYSTÈME DE VIDANGE DES DÉCHETS

Publication

**EP 4122841 C0 20231213 (EN)**

Application

**EP 22186538 A 20220722**

Priority

IT 202100019754 A 20210723

Abstract (en)

[origin: EP4122841A1] The present invention relates to an automated bin (1) for emptying waste, comprising a container (10) having an opening (100) for inserting waste, a supporting and moving assembly (2) to be coupled to a gripping member (O) of a compactor and to be moved, an opening/closing group (14) for said container (10) and a logic control unit (U). Said supporting and moving assembly (2) comprises a switching device (23) to switch from a non-operating status to an operating status and vice versa; and a hooking/unhooking member (20) comprising a rod (21) having an end connected to said switching device (23) and an actuating pin (202) connected to another end of said rod (21). When said actuating pin (202) is pressed by said gripping member (O), said switching device (23) switches from said non-operating status to said operating status and said logic control unit (U) reads said operating status of said switching device (23) and opens said container (10), by means of said opening/closing group (14), for emptying waste. The present invention relates also to a system (3) for emptying waste.

IPC 8 full level

**B65F 1/12** (2006.01)

CPC (source: EP)

**B65F 1/125** (2013.01); **B65F 2210/128** (2013.01); **B65F 2210/148** (2013.01)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

**EP 4122841 A1 20230125**; **EP 4122841 B1 20231213**; **EP 4122841 C0 20231213**; IT 202100019754 A1 20230123

DOCDB simple family (application)

**EP 22186538 A 20220722**; IT 202100019754 A 20210723