

Title (en)
MODULAR WEIGHING UNIT FOR WASTE COLLECTION SYSTEM

Title (de)
MODULARE WIEGEEINHEIT FÜR ABFALLSAMMELSYSTEM

Title (fr)
UNITÉ DE PESAGE MODULAIRE POUR SYSTÈME DE COLLECTE DE DÉCHETS

Publication
EP 3434620 B1 20221130 (EN)

Application
EP 18184932 A 20180723

Priority
NL 2019346 A 20170725

Abstract (en)
[origin: EP3434620A1] A waste collection system (10) comprises a base (14), a collection unit (16) beneath the base (14) for storing waste, a waste receiving unit (12) supported on top of the base (14) and comprising a cylindrical rotary drum (18) for receiving the waste; and a weighing unit (20). The weighing unit (20) comprises a housing (22) defining a collection chute for receiving waste from the rotary drum (18); one or more movable flaps (34) connected to the housing (22), moveable to a closed position for weighing waste and an open position to allow waste through the housing (22) to the collection unit (16); a frame (40) for connecting the weighing unit (20) to the waste collection system base (14); and a load cell (42) connecting the housing (22) to the frame (40). The housing (22) is configured to fit within the waste receiving unit (12) and comprises a top portion (30) complementary in shape to the rotary drum (18) such that the top portion (30) aligns close to but not connecting to the rotary drum (18).

IPC 8 full level
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CPC (source: EP)
B65F 1/10 (2013.01); **B65F 1/1447** (2013.01); **B65F 2210/168** (2013.01); **B65F 2210/172** (2013.01); **B65F 2210/184** (2013.01)

Cited by
NL2023538B1; WO2021013555A1

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