

Title (en)

SUBTERRANEAN WASTE COLLECTOR AND METHOD FOR EMPTYING SUCH A SUBTERRANEAN WASTE COLLECTOR

Title (de)

UNTERIRDISCHER ABFALLSAMMLER UND VERFAHREN ZUM ENTLEEREN SOLCH EINES UNTERIRDISCHEN ABFALLSAMMLERS

Title (fr)

COLLECTEUR DE DÉCHETS SOUTERRAIN ET PROCÉDÉ DE VIDAGE D'UN TEL COLLECTEUR DE DÉCHETS SOUTERRAIN

Publication

EP 3766807 A1 20210120 (EN)

Application

EP 20184811 A 20200708

Priority

NL 2023512 A 20190716

Abstract (en)

Subterranean waste collector (1), at least comprising a receptacle (2) for receiving waste, which receptacle (2) is at least in part provided below ground-level (3), wherein the receptacle (2) comprises a first tube (4) and a second tube (5) provided inside of the first tube (4), wherein waste can be deposited from above ground-level (3) into the second tube (5) and collected inside (5') of the second tube (5) below ground-level (3), and which second tube (5) is provided with one or more apertures (9-15) or through holes, wherein the first tube (4) and the second tube (5) define a main area (16) between the first tube (4) and the second tube (5), and wherein an outlet (8) of the second tube (5) is connectable to a vacuum pump for reducing air pressure inside the second tube (5) near the outlet (8), and to enable air passing into the inside (5') of the second tube (5) below the outlet (8) through said one or more apertures (9-15) or through holes of the second tube (5) via the main area (16) between the first tube (4) and the second tube (5) so as to enable re-moving said waste from the inside (5') of the second tube (5) to the outlet (8) above ground-level (3).

IPC 8 full level

B65F 1/14 (2006.01)

CPC (source: EP)

B65F 1/1447 (2013.01); **B65F 2210/179** (2013.01); **B65F 2210/181** (2013.01)

Citation (search report)

- [A] US 1115016 A 19141027 - PHEILS JOHN WEBSTER [US]
- [A] WO 9406707 A2 19940331 - RUTTE RECYCLING BV [NL], et al
- [A] DE 102012108521 A1 20140313 - BRAUN ALFONS [DE], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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