

Title (en)

DEVICE FOR COLLECTION, STORAGE AND TRANSPORT OF FERMENTABLE WASTE

Title (de)

VORRICHTUNG ZUM SAMMELN, LAGERN UND TRANSPORTIEREN VON FERMENTIERBAREM ABFALL

Title (fr)

DISPOSITIF DE COLLECTE, DE STOCKAGE ET DE TRANSPORTS DE DECHETS FERMENTESCIBLES

Publication

EP 3997012 A1 20220518 (FR)

Application

EP 20750306 A 20200703

Priority

- FR 1907622 A 20190708
- FR 2020051182 W 20200703

Abstract (en)

[origin: WO2021005291A1] Disclosed is a removable device (100) for collecting, storing and transporting fermentable waste, comprising: a device (102) for supplying fermentable waste; a hopper (104); a grinder (106) designed for grinding fermentable waste and forming ground material; a device (108) for transferring the ground material; an airtight storage tank (110) designed to store the ground material anaerobically under a controlled atmosphere; a device (112) for draining the tank, designed to drain the storage tank; the hopper being designed to conduct the fermentable waste from the supply device to the grinder, the transfer device being designed to transfer the ground material from the grinder to the storage tank, the device further comprising a device for filtering (114) effluents, connected to the storage tank, the device further comprising a pressure reducer (126) disposed between the storage tank and the filtration device.

IPC 8 full level

B65F 1/10 (2006.01); **B09B 3/00** (2022.01); **B65F 1/14** (2006.01); **C05F 17/914** (2020.01)

CPC (source: EP US)

B02C 18/0084 (2013.01 - US); **B02C 18/0092** (2013.01 - US); **B02C 18/2216** (2013.01 - US); **B02C 25/00** (2013.01 - US); **B09B 3/40** (2022.01 - EP); **B65F 1/10** (2013.01 - EP US); **B65F 1/14** (2013.01 - EP US); **B65F 2001/1489** (2013.01 - EP); **B65F 2210/12** (2013.01 - EP US); **B65F 2210/129** (2013.01 - US); **B65F 2210/144** (2013.01 - US); **Y02E 50/30** (2013.01 - EP); **Y02W 30/40** (2015.05 - EP)

Citation (search report)

See references of WO 2021005291A1

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)

WO 2021005291 A1 20210114; EP 3997012 A1 20220518; FR 3098508 A1 20210115; FR 3098508 B1 20211022; US 2022289475 A1 20220915

DOCDB simple family (application)

FR 2020051182 W 20200703; EP 20750306 A 20200703; FR 1907622 A 20190708; US 202017597483 A 20200703