

Title (en)

DEVICE FOR COLLECTING, STORING AND TRANSPORTING FERMENTABLE WASTE

Title (de)

VORRICHTUNG ZUM SAMMELN, LAGERN UND TRANSPORTIEREN VON FERMENTIERBAREN ABFÄLLEN

Title (fr)

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

Publication

EP 3997013 A1 20220518 (FR)

Application

EP 20750307 A 20200703

Priority

- FR 1907626 A 20190708
- FR 2020051183 W 20200703

Abstract (en)

[origin: WO2021005292A1] Disclosed is a removable device (100) for collecting, storing and transporting fermentable waste comprising, in a direction of flow (M) of the fermentable waste, a feed device (102) for supplying fermentable waste; a hopper (104) for conveying the fermentable waste from the feed device to the grinder; a grinder (106) arranged to grind the fermentable waste and form ground materials; a transfer device (108) for transferring the ground materials to the storage tank; a storage tank (110) for storing the ground materials; a device (112) for emptying the storage tank; an effluent filtering device (104) connected to the storage tank; the transfer device being under positive pressure in the direction of flow of the fermentable waste (M) and the effluent filtering device being a solid filtering medium, preferably a carbon filter or a biofilter; the device further comprising a pressure relief valve (128).

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)

B01D 53/04 (2013.01 - US); **B01D 53/85** (2013.01 - US); **B09B 3/35** (2022.01 - US); **B09B 3/40** (2022.01 - EP US); **B65F 1/10** (2013.01 - EP US); **B65F 1/14** (2013.01 - EP US); **B01D 2253/102** (2013.01 - US); **B01D 2257/90** (2013.01 - US); **B01D 2258/05** (2013.01 - US); **B65F 2001/1489** (2013.01 - EP US); **B65F 2210/12** (2013.01 - EP US); **B65F 2210/1443** (2013.01 - US); **C05F 17/914** (2020.01 - EP); **Y02E 50/30** (2013.01 - EP); **Y02P 20/145** (2015.11 - EP); **Y02W 30/40** (2015.05 - EP)

Citation (search report)

See references of WO 2021005292A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

FR 2020051183 W 20200703; EP 20750307 A 20200703; FR 1907626 A 20190708; US 202017597497 A 20200703