Title (en)

METHOD AND DEVICE FOR THE MECHANICAL OR MECHANICAL-BIOLOGICAL TREATMENT OF WASTE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR MECHANISCHEN ODER MECHANISCH-BIOLOGISCHEN BEHANDLUNG VON ABFÄLLEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TRAITEMENT MÉCANIQUE OU MÉCANIQUE-BIOLOGIQUE DE DÉCHETS

Publication

EP 2739712 A1 20140611 (DE)

Application

EP 12743384 A 20120725

Priority

- EP 11176112 A 20110801
- EP 11007924 A 20110929
- EP 2012003161 W 20120725
- EP 12743384 A 20120725

Abstract (en)

[origin: EP2554638A1] The method comprises introducing waste (12) into a waste treatment plant at an inlet point (40, 42, 44), homogenizing the waste with an agitator (29), determining the consistency of the waste in the waste treatment plant, adding water or waste having a higher water content than the waste in the waste treatment plant if the water content of the waste in the waste treatment plant is too low, or removing water or adding waste having a lower water content if the water content of the waste is too high, transporting the introduced waste to an outlet point (64), and removing the waste. The method comprises introducing waste (12) into a waste treatment plant at an inlet point (40, 42, 44), homogenizing the waste with an agitator (29), determining the consistency of the waste in the waste treatment plant, adding water or waste having a higher water content than the waste in the waste treatment plant if the water content of the waste in the waste treatment plant is too low or removing water or adding waste having a lower water content if the water content of the waste is too high, transporting the introduced waste to an outlet point (64), and removing the waste, where the waste treatment plant is divided into two zones (15, 16, 17). An air space is supplied via a level of the waste air and/or an inert gas, and an exhaust air is removed. The treated waste water is supplied in regions in which the waste is loosened by agitator arms of and/or a unit for breaking clumping and/or caking of waste. The introduced waste is mixed/crushed by the agitator. A transport of the waste is carried out by a level mirror balance. A movement of the agitator supports the transport of the introduced waste, where a flow direction of the waste is not dependent on the direction of rotation of the agitator. The step of determining the consistency of the waste in the waste treatment plant is carried out via a camera and a power requirement of the agitator. An independent claim is included for a device for a mechanical or mechanical-biological treatment of waste.

IPC 8 full level

C10L 5/46 (2006.01); **C10L 5/48** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2013017224A1

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