

Title (en)

REACTOR FOR OBTAINING GAS FROM ORGANIC WASTE

Title (de)

REAKTOR ZUR GASGEWINNUNG AUS ORGANISCHEN ABFÄLLEN

Title (fr)

RÉACTEUR POUR L'EXTRACTION DE GAZ À PARTIR DE DÉCHETS ORGANIQUES

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Application

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Abstract (en)

[origin: WO2016083089A1] The invention relates to a reactor for obtaining gas from organic waste, comprising a column-shaped reactor housing, which is oriented upright and which surrounds a reaction chamber, which reaction chamber has a segment that can be filled with the organic waste, said segment being referred to as a collecting chamber, and which reaction chamber has a gas chamber above the collecting chamber, which gas chamber holds gas obtained from the organic waste, and wherein the reaction chamber is thermally insulated externally, toward the surrounding atmosphere. According to the invention a cleaning chamber adjoins the reaction chamber in the upward direction, wherein the interior space of the cleaning chamber adjoins a cooling surface, and a gas outlet line leading the obtained gas out of the reactor leads into the cleaning chamber.

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