

Title (en)

A MEMBRANE GAS HOLDER DOME WITH REDUCED HEAT LOSS

Title (de)

EINE MEMBRANGASBEHÄLTERKUPPEL MIT REDUZIERTEN WÄRMEVERLUST

Title (fr)

UN DÔME POUR RÉSERVOIR DE GAZ AVEC PERTE DE CHALEUR RÉDUITE

Publication

EP 3276245 A1 20180131 (EN)

Application

EP 17182451 A 20170720

Priority

IT 201600079376 A 20160728

Abstract (en)

The present invention concerns the sector of equipment and components for the production of waste treatment plants. More specifically it concerns a membrane gas holder dome (10) with reduced heat loss, adapted to be installed on a heated digester adapted to produce combustible gas, comprising: - a first membrane (1), impermeable to gases, adapted to delimit, at least partially, a storage chamber (C1) of the combustible gas; - a second membrane (2), impermeable to gases, adapted to delimit, at least partially, a pressurization chamber (C2) superimposed on said storage chamber (C1); - inflation means (15, 16, 17, 18) of said pressurization chamber (C2) by means of an auxiliary gas, preferably air; - a layer of composite material, with heat insulating function, interposed between said first membrane (1) and said second membrane (2).

IPC 8 full level

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Citation (search report)

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