

4 results for treatment system waste water and regulator box and biodigester and anaerobic filter - Collection: FAMPAT

#	 Title	Publication number	1st App. date	Applicant/Assignee	1st Publ. date	Publ. date
1.	System and multi-functional method for treating wastewater	MX2013010211	2013-09-06	CASTELLANO ROLDAN MARCO ANTONIO;CASTELLANOS ROLDAN MARCO ANTONIO;CASTELLANOS ROLDAN Marco Antonio;CASTELLANOS ROLDAN MARCO ANTONIO;ROLDAN MARCO ANTONIO CASTELLANOS	2014-06-04	2014-06-04
The invention relates to a municipal wastewater treatment system (STAR) for forming a wastewater treatment plant (PTAR), characterized by the functional and structural relationship between the components thereof. The invention comprises seven treatment stages in the STAR and the arrangement thereof, including: an intake regulator box having a discharge outlet; a pretreatment stage consisting of solid separation screens and grit channels; and anaerobic biodigester; an up-flow anaerobic filter; drying beds; subsurface flow constructed wetlands; and a chlorine contact channel. The STAR and PTAR according to the invention are suitable for use in a single home, as well as for use by communities of approximately 5,000 (thousand) inhabitants, and their capacity can be increased to the extent that new elements are provided at each of the different steps, simply by adding and adapting modules, without having to replace the already operating elements.						

3.	Internally reinforced structural composites and associated methods of manufacturing	WO2010096505	2010-02-17	ADVANCED GREEN INNOVATIONS* MAKEHLISTEHR TEKNOLODZHIZ EHLEHLSI MCALISTER ROY MCALISTER ROY E MCALISTER TECHNOLOGIES*	2010-08-26	2010-08-26
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Internally reinforced structural composites, suitable uses for such composites, and associated methods of manufacturing are disclosed herein. In one embodiment, a method of making a reinforced structural component includes forming a precursor having a crystal structure with a plurality of lattice layers and exfoliating the precursor. As a result, a distance between adjacent pairs of the plurality of lattice layers is expanded. The method also includes wrapping the exfoliated precursor with a surface support material around at least a portion of a circumference of the individual lattice layers in the exfoliated precursor.

