33: GB 31: 1417538.4 32: 2014/10/03
**54: TIDAL POWER GENERATION AND STORAGE SYSTEM AND METHOD OF CONSTRUCTING A RESERVOIR FOR SUCH A SYSTEM**
00: -
A tidal power generation and storage system (10) comprises a lagoon (12) and a plurality of reservoirs (14) separating the lagoon from an area of tidal water (16). Each reservoir (14) comprises a seawall (20) surrounding a reservoir chamber (22). The system has a first flow channel (30) in communication between the area of tidal water (16) and the lagoon (12) which directs flow through a turbine (32) to generate electrical power. The system also has a second flow channel (40) to allow communication between two adjacent reservoirs and a third flow channel (90) to allow communication between a reservoir and the first flow channel. The seawall (20) of each reservoir (14) comprises a gravity structure comprising a plurality of layers of a mixture of sand and/or other seabed material with a hydraulic binder. The system can be built using material sourced at the point of construction, and allows storage and pumping of water in the reservoirs (14) and lagoon (12) to maximise the period over which power can be generated.

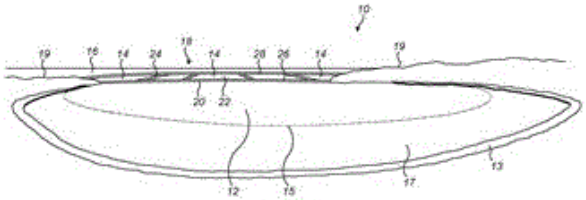

FIG. 1

21: 2017/01714 22: 2017/03/09 43: 2018/06/13
51: A61K; A61P
71: BALDE, Aliou Mamadou, Laboratoire Michel Iderne
72: BALDE, Aliou Mamadou
33: FR 31: 1455226 32: 2014/06/10
**54: ANTHOSTEMA SENEGALENSE-BASED COMPOSITION, FOR USE AS AN ANTI-AIDS DRUG**
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The invention relates to a pharmaceutical composition based on *Anthostema senegalense* used as a drug in the treatment of HIV infection, AIDS and accompanying clinical manifestations. The composition can be used as an antiretroviral drug against HIV type 1 or HIV type 2. The composition preferably comprises a polar and/or apolar plant extract of *Anthostema senegalense*, preferably obtained from the stem bark of *Anthostema senegalense*. The composition is preferably formulated in the form of microspheres produced using an extrusion and spheronisation method, and then grouped together in capsules.

21: 2017/01727 22: 2015/05/23 43: 2018/06/13
51: B28B
71: CRISPYCRETE, LLC
72: BELL, JR., CHARLES H.
33: US 31: 14/681,397 32: 2015/04/08
33: US 31: 62/036,812 32: 2014/08/13
**54: METHOD OF PROCESSING UNHARDENED CONCRETE**
00: -
Methods and an associated system for processing unhardened concrete are disclosed. It at least one embodiment, the method includes adding a large volume of foam to the returned unhardened concrete and then mixing the foam with the returned concrete in the ready-mix concrete truck or other concrete mixing devices. Through the mixing of foam with the returned concrete, the hydrated cement and aggregate particles are separated by large volumes of air voids, which dramatically reduce the strength of the resulting high-porosity concrete. The treated concrete is discharged and allowed to solidify in this weakened state, after which it is easily broken into loose particulate material that can be sold or reused.