



ABSTRACT OF THE DISCLOSURE

The present invention is directed to an electrochemical apparatus comprising of an electrode assembly, an internal reservoir and an internal dryer. The internal dryer consists of a chamber filled with a multitude of balls to create mechanical obstacles removing moisture from gasses present inside, reducing the volume of accumulated gasses and acting as an anti-splash device for the electrolyte. The invention is also directed to an electrode assembly of monopolar electrodes for use in electrical apparatus. The bipolar electrode assembly comprises a pair of electrodes, each of the electrodes having a plurality of electrode plates connected in series together. The electrode plates of each of the electrodes are connected to the next electrode plate in the series by a bridging member contiguous with each of the interconnected electrode plates. The invention is also directed to an electrode for use in an electrode assembly. The electrode comprises a plurality of parallel spaced apart electrode plates connected in series to each other. Each of the electrode plates are connected to the next plate in the series by a bridging strap contiguous with each of the interconnected electrode plates.





























