Safcell inc Czechia

SAFCell, Inc. was selected for a $3.7 million Advanced Research Projects Agency - Energy (ARPA-E) award to develop an intermediate temperature fuel cell for low-cost distributed power generation. SAFCell, a Caltech start-up fuel cell company, was one of 13 projects funded under ARPA-E"s $33 million

SAFCell to Generate Power for Caltech Solar Toilet December 10, 2013; SAFCell wins Patrick Soon-Shiong Innovation Award November 21, 2013; SAFCell and UltraCell to Develop Portable Power Unit for Army June 24, 2013; First Fuel Cell Investment for Candian IP Fund in Pasadena, CA Based SAFCell, Inc. August 1, 2012

SAFCell and UltraCell announce they have signed a worldwide licensing agreement that gives SAFCell broad access to UltraCell"s knowledge in developing and manufacturing rugged remote area power systems. Under the agreement UltraCell will license their know-how and expertise in manufacturing commercially available fuel cell systems to ...

SAFCell develops Proton Cells, fuel flexible power and hydrogen solutions for the hydrogen economy. SAFCell is the only US company developing Solid Acid Electrolyte technology for energy applications. Headquartered in Pasadena, California, SAFCell operates an R& D and manufacturing laboratory that integrates with a remote AI and machine learning

SAFCell"s solid state fuel cells, with no moving parts, offer a clean, quiet and minimal-maintenance alternative to mechanical generators. SAFCell fuel cell stacks are also modular ...

SAFCell"s technology permits on-site generation of electricity or compressed hydrogen from all leading renewable liquid hydrogen carriers (LHCs) in one efficient and low-cost step--unlocking green hydrogen"s potential to replace ...

SAFCell hydrogen generation solutions enable the on-site conversion of readily-available liquid feedstocks such as ammonia into hydrogen at fueling stations. For large vehicles such as heavy duty trucks, trains and ships, SAFCell hydrogen generators could provide on-board hydrogen generation from liquid fuels, enabling the use of clean fuels ...

Fuel cell developer SAFCell, and development partner UltraCell, have demonstrated the world"s first stand alone solid acid fuel cell (SAFC) system converting propane into electricity to meet the increasing demand for portable power on the battlefield.

SAFCell fuel cell stacks can operate on a number of different fuels. Unlike cold fuel cells, our fuel cell stacks are tolerant of impurities. We can operate on industrial grade fuels such as methanol and propane - we don"t

require ultra-pure fuel sources. We can also utilize the same fuels as hot fuel cells and combustion-based generators.

SAFCell, Inc., a Caltech start-up fuel cell company based in Pasadena, CA, received the Los Angeles Business Journal"s 2013 Patrick Soon-Shiong Innovation Award. SAFCell was one of five companies in the Los Angeles area to be recognized on November 14 with the coveted award for its leadership in technology innovation and for fostering the ...

SAFCell, teaming with UltraCell, LLC will produce a 50 watt, man-portable propane system for Army field trials by early 2017.. Pasadena, CA - SAFCell and UltraCell have commenced the design and fabrication of a 50 watt, propane-fueled power unit based on the use of SAFCell"s proprietary Solid Acid Fuel Cell stacks in UltraCell"s world-leading military ...

On March 9th SAFCell president and CEO Dr. Calum Chisholm participated in a panel discussion with three other clean energy entrepreneurs to offer their perspectives on the key challenges that must be overcome to develop zero-carbon energy systems and technologies at scale. The consensus was that the

SAFCell"s versatile technology converts liquid fuels into electricity or ultra-pure, compressed hydrogen more economically and reliably than alkaline, PEM or solid oxide solutions.

SAFCell hydrogen generation solutions enable the on-site conversion of readily-available liquid feedstocks such as ammonia into hydrogen at fueling stations. Hydrogen is a clean fuel that, when consumed in a fuel cell, produces water as its only byproduct.

SAFCell hydrogen generators produce hydrogen from chemical fuels through a combination of chemical and electrochemical reactions that take place inside the solid acid hydrogen stack. At the core of each stack is a special material called the electrolyte membrane, which allows the separation of hydrogen from other gases.

SAFCell, Inc. (Pasadena, CA) has successfully achieved the second technical milestone on its 18 month development contract with Nordic Power Systems (NPS, Norway) to deliver solid acid fuel cell (SAFC) stacks for incorporation into ...

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