Novel Electrolytes via Compressed Gas Solvent

Tech ID: 24479 / UC Case 2014-104-0

TECHNOLOGY DESCRIPTION

University researchers are developing new electrolytes, and methods for making and devices using such electrolytes, based on compressed gas solvents, which may have wide electrochemical potentials, high conductivity and low temperature capability. Applications include electrochemical energy storage, electroplating and electrochemical sensing

RELATED MATERIALS

- ARPA-E project “Novel Electrolytes Via Compressed Gas Solvent for Higher Voltage” - 04/01/2014

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Published Application	20160261005	09/08/2016	2014-104

CONTACT

University of California, San Diego
Office of Innovation and Commercialization
innovation@ucsd.edu
tel: 858.534.5815.

OTHER INFORMATION

KEYWORDS

electrolyte, compressed gas, energy storage, electroplating, electrochemical sensing

CATEGORIZED AS

- **Energy**
  - Storage/Battery
- **Materials & Chemicals**
  - Other
- **Sensors & Instrumentation**
  - Other

RELATED CASES

2014-104-0