

MGX Minerals Announces Acquisition of 20 Patents for Zinc Air Fuel Cell Battery

01.02.2018 | [GlobeNewswire](#)

VANCOUVER, British Columbia, Feb. 01, 2018 (GLOBE NEWSWIRE) --

Typical 5kw Modular System

MGX Minerals Inc. ("MGX" or the "Company") (CSE:XMG) (FKT:1MG) (OTCQB:MGXMF) is pleased to announce as a result of the recently closed acquisition of now wholly-owned subsidiary ZincNyx Energy Solutions, Inc. ("ZincNyx"), the Company now controls 20 metal air battery and fuel cell patents. To date ZincNyx has been awarded 20 patents covering its mass storage technology. A list of existing published patents are as follows:

Table 1. Existing ZincNyx Patents

Item	Identification
Discrete Particle Electrolyzer Cathode and Method of Making Same	US 7,470,351
Methods and Devices for Controlling Flow and Particle Fluidization in a Fuel Cell	US 7,276,309
Method of Production of Metal Particles Through Electrolysis	US 7,273,537
Controlled Concentration Electrolysis System	US 7,166,203
Fuel Cell System	US 6,911,274
Method of and System for Determining the Remaining Energy in a Metal Fuel Cell	US 6,873,157
Method of and System for Cooling a Backup Power System	US 6,841,276
Electrolyte-Particulate Fuel Cell Anode	US 6,787,260
Methods of Using Fuel Cell System Configured to One or More Loads	US 6,764,785
Method and System for Flushing One or More Cells in a Particle-Based Electrochemical Power Source in Standby Mode	US 6,764,588
Power System Including Heat Removal Unit for Providing Backup Power to One or More Loads	US 6,746,790
Refuelable Electrochemical Power Source Capable of Being Maintained in a Substantially Constant Full Condition and Method of Using the Same	US 6,706,433
Methods of Producing Oxygen Reduction Catalyst	US 6,689,711
Manifold for Fuel Cell System	US 6,679,280
System and Method for Power Management	US 6,522,955
Method of Electrodepositing Metal on Electrically Conducting Particles	US 6,432,292
Refuelable Electrochemical Power Source Capable of Being Maintained in a Substantially Constant Full Condition and Method of Using the Same	US 6,296,958
Particle Feeding Apparatus for Electrochemical Power Source and Method of Making Same	US 6,162,555

System and Method for Preventing the Formation of
Dendrites in a Metal/Air Fuel Cell, Battery or Metal Recovery Apparatus US 6,153,328
Method and Apparatus for Refueling an Electrochemical
Power Source US 5,952,117

A photo accompanying this announcement is available at
<http://www.globenewswire.com/NewsRoom/AttachmentNg/1b8d8a25-7aee-4eb6-8563-7e6cff91e4ba>

Overview of Technology

ZincNyx has developed a patented regenerative zinc-air flow battery that efficiently stores energy in the form of zinc particles and contains none of the traditional high cost battery commodities such as lithium, vanadium, or cobalt. The technology allows for low cost mass storage of energy and can be deployed into a wide range of applications.

Unlike conventional batteries, which have a fixed energy/power ratio, ZincNyx's technology uses a fuel tank system that offers flexible energy/power ratios and scalability. The storage capacity is directly tied to the size of the fuel tank and the quantity of recharged zinc fuel, making scalability a major advantage of the flow battery system. In addition, a further major advantage of the zinc-air flow battery is the ability to charge and discharge simultaneously and at different maximum charge or discharge rates since each of the charge and discharge circuits is separate and independent. Other types of standard and flow batteries are limited to a maximum charge and discharge by the total number of cells as there is no separation of the charge and discharge components.

To watch a short video outlining ZincNyx technology, please visit <http://www.zincnyx.com/technology/>

About ZincNyx Energy Solutions

To learn more about ZincNyx technology visit www.zincnyx.com.

About MGX Minerals

MGX Minerals is a diversified Canadian resource company with interests in advanced material and energy assets throughout North America. Learn more at www.mgxminerals.com.

Neither the Canadian Securities Exchange nor its Regulation Services Provider (as that term is defined in the policies of the Canadian Securities Exchange) accepts responsibility for the adequacy or accuracy of this release.

Forward-Looking Statements

This press release contains forward-looking information or forward-looking statements (collectively "forward-looking information") within the meaning of applicable securities laws. Forward-looking information is typically identified by words such as: "believe", "expect", "anticipate", "intend", "estimate", "potentially" and similar expressions, or are those, which, by their nature, refer to future events. The Company cautions investors that any forward-looking information provided by the Company is not a guarantee of future results or performance, and that actual results may differ materially from those in forward-looking information as a result of various factors. The reader is referred to the Company's public filings for a more complete discussion of such risk factors and their potential effects which may be accessed through the Company's profile on SEDAR at www.sedar.com.

Contact Information

Jared Lazerson
President and CEO
Telephone: 1.604.681.7735
Web: www.mgxminerals.com

Dieser Artikel stammt von [Rohstoff-Welt.de](#)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/289514--MGX-Minerals-Announces-Acquisition-of-20-Patents-for-Zinc-Air-Fuel-Cell-Battery.html>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer!](#)

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2026. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).