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Protective Film for Lithium Electrodes

Tech ID: 21679 / UC Case 2006-096-0

SUMMARY

An electrochemical cell includes an anode having a metal material having an oxygen containing layer. The electrochemical cell also includes a cathode and an electrolyte. The anode includes a protective layer formed by reacting a D or P block precursor with the oxygen containing layer.

PATENT STATUS

Country	Type	Number	Dated	Case
Republic Of Korea (South Korea)	Issued Patent	10-1720660	03/22/2017	2006-096
China	Issued Patent	ZL201080016126.8	07/22/2015	2006-096
Republic Of Korea (South Korea)	Issued Patent	10-1501565	03/05/2015	2006-096
United States Of America	Issued Patent	8,840,688	09/23/2014	2006-096
Japan	Issued Patent	5336363	08/09/2013	2006-096
United States Of America	Published Application	20090220857	09/03/2009	2006-096
United States Of America	Published Application	20070082268	04/12/2007	2006-096

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INVENTORS

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OTHER INFORMATION

CATEGORIZED AS

- Energy
- Storage/Battery

RELATED CASES

2006-096-0

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- Cleaning Lithium to Improve Protective Layer
- Thermally Insulating Transparent Barrier (THINNER) coatings with high transmission, thermal and radiative resistance

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