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(54) **METHOD FOR PRODUCING REDOX-ACTIVE TI(IV) COORDINATION COMPOUNDS**

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CPC ***C07C 37/66*** (2013.01); ***C07C 51/418*** (2013.01); ***H01M 8/188*** (2013.01); ***H01M 8/20*** (2013.01); *H01M 2300/0002* (2013.01)

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See application file for complete search history.

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(57) **ABSTRACT**

A method for producing an aqueous solution of a redox-active coordination compound of a transition metal which can be used directly as an electrolyte in a flow battery wherein the method comprises reacting a freshly precipitated hydrous transition metal oxide with a chelating agent and a base in an aqueous reaction medium to produce a solution of the corresponding redox-active transition metal coordination compound.

7 Claims, No Drawings