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621.357.12

**PbO<sub>2</sub>**

PbO<sub>2</sub>

The explored process electroplating of PbO<sub>2</sub> from two alkaline electrolytes - an plumbic alkalinitu and electrolyte on base EDTA. It is determined diffusing ability both electrolyte. Advantage of the electrolyte are Shown on base EDTA. The Proved possibility of the reception bipolar electrode with plumbic dioxide by anode side and stood by anode net.

[1].

[3].

[3].

[4-6].

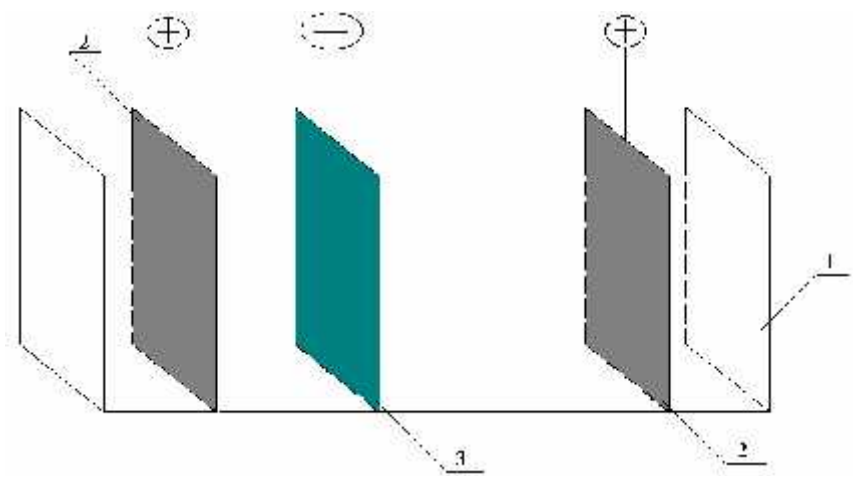
[7].

: 1) Pb<sup>2+</sup> - 0,2 - / <sup>3</sup> ( Na<sub>2</sub>PbO<sub>2</sub>), NaOH

- 1,1...1,2 - / <sup>3</sup>, - 2...4 / , 2) ,  
 0,4...0,6 - / ,  
 2...3 - / NaOH, 4..5 .

4...5 × /  
 Pb<sub>3</sub>O<sub>4</sub>.

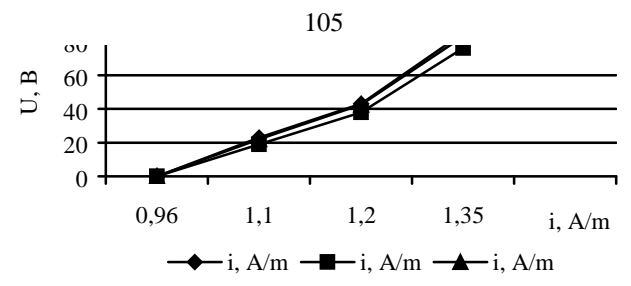
.1.  
 (1), - 3,  
 (2) ,  
 [8], PbO<sub>2</sub>  
 100 % ,  
 - 60° ;  
 0,9 1,4 ;



.1.

( . 2),  
 :  
 9...15%.

0,8×0,8 ,  
 -5 ,  
 60°



.2.

(1, 2) (3)

10

90

1. 1978. – 316 2. // « », 1985. – 52–57. 3. // – 200. – 36. 3. – 265–268. 4. PbO<sub>2</sub> / – 2003. – 2. – 114–118. 5. Nafion® PbO<sub>2</sub> / – 2004. – V. 70, 3. – 45–50. 6. PbO<sub>2</sub> / – 2004. – 2. – 151–155. 7. / – 1967. 8. 2- / / , 1975. – 552 .

24.04.06

665.3:577.152.31

• • ;  
 • • ;  
 • • ; „ „

( ) ( ). ( ) , Lipozyme 100 L ( ) .

In article enzymatic transformations triacylglycerols, namely, hydrolysis by means of different lipases are considered. It is picked up lipases which can catalyze hydrolysis solid (palm oleine) and liquid (sunflower-seed oil) grew fat is Lipozyme 100L and Solizime. It is revealed conditions of enzymatic hydrolysis (quantity of reagents, temperature, etc.)

( ) ( ) 40-60° . ( ) ( ) . ( ) ( ) . ( ) ( ) .

) , ; ( , [1], ( , Nigella sativa L., [2]).

*Rhizomucor miehei*, *Aspergillus sp.*, *Pseudomonas fluorescens*, *Candida rugosa*, *Candida cylindracea*

– [3, 4]; [5] – [6, 7].

107

[8, 9].

( ) ( ) [1, 10], [11],

[12].

( ) ( ) ( ) ( ) .