

Title (en)  
ELECTROLYTIC ELECTRODE AND MANUFACTURING METHOD THEREFOR

Title (de)  
ELEKTROLYTISCHE ELEKTRODE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
ÉLECTRODE ÉLECTROLYTIQUE ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 3492631 B1 20210303 (EN)**

Application  
**EP 18843984 A 20180730**

Priority  

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- KR 2018008645 W 20180730

Abstract (en)  
[origin: EP3492631A1] Provided is an electrode for electrolysis and a preparation method of the same. The electrode for electrolysis has an improved needle-like structure of a rare earth metal compared to conventional electrodes, and thus detachment of catalytic materials is reduced, so that the electrode is excellent in durability such as exhibiting stable performance even in a reverse current flow. Further, since the electrode for electrolysis has a low overvoltage value, an overvoltage required amount of the electrolytic cell can be remarkably reduced. In addition, an electrode for electrolysis having the above effect can be prepared without introducing additional precursors or changing manufacturing facilities.

IPC 8 full level  
**C25B 11/04** (2021.01); **C25B 1/46** (2006.01)

CPC (source: EP)  
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