

Title (en)  
ELECTRODE WITH LEAD BASE AND METHOD OF MAKING SAME

Publication  
**EP 0087186 B1 19861230 (EN)**

Application  
**EP 83200195 A 19830208**

Priority  
EP 82810077 A 19820218

Abstract (en)  
[origin: EP0087186A1] An electrode with a base of lead or lead alloy provided with catalytic particles of an inert refractory oxide activated by means of a catalyst, which particles are partly embedded, anchored and electrically connected to the base. The under-lying lead or lead alloy remains electrochemically inactive and the base thereby serves only as a stable conductive support. Preferably, the electrode is an anode for oxygen evolution with titanium particles at the surface of its base, which particles are catalytically activated by means of ruthenium-manganese oxide. The anode may be used more particularly in cells for electrowinning metals with a higher degree of purity with respect to conventional cells equipped with anodes consisting of lead or a lead alloy.

IPC 1-7  
**C25C 7/02**; **C25B 11/04**

IPC 8 full level  
**C25B 11/00** (2006.01); **C23C 18/12** (2006.01); **C23C 24/02** (2006.01); **C25B 11/04** (2006.01); **C25C 7/02** (2006.01)

CPC (source: EP KR)  
**C25B 11/00** (2013.01 - KR); **C25B 11/04** (2013.01 - EP); **C25C 7/02** (2013.01 - EP)

Cited by  
DE3423605A1; EP0169301A1; US4765874A; EP0936184A2; WO2007045716A1; EP0936184B1

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