

Title (en)  
PREPARATION AND USE OF ELECTRODES

Publication  
**EP 0129734 A3 19850605 (EN)**

Application  
**EP 84106102 A 19840529**

Priority  
US 49962683 A 19830531

Abstract (en)  
[origin: EP0129734A2] A substrate is coated with a solution of metal oxide precursor compounds and an etchant for etching the substrate, the metal oxide precursor compounds are thermally concentrated by removing volatiles therefrom, and the so-concentrated metal oxides precursors are thermally oxidized in-situ on the substrate. The so-formed compositions are useful, e.g., as electrode material in electrochemical apparatuses and processes.

IPC 1-7  
**C25B 11/04**

IPC 8 full level  
**C25B 11/08** (2006.01); **C25B 1/46** (2006.01); **C25B 11/00** (2006.01); **C25B 11/04** (2006.01)

CPC (source: EP KR)  
**C25B 11/052** (2021.01 - KR); **C25B 11/091** (2021.01 - EP); **C25B 11/093** (2021.01 - EP KR)

Citation (search report)  
• [Y] EP 0046449 A1 19820224 - DIAMOND SHAMROCK CORP [US]  
• [Y] FR 2311108 A1 19761210 - HODOGAYA CHEMICAL CO LTD [JP]  
• [A] US 4100049 A 19780711 - BRANNAN JAMES R  
• [A] US 3990957 A 19761109 - HOEKJE HOWARD H, et al

Cited by  
US4975161A; US4938851A; EP0298055A1; US4900419A; EP0198752A1; FR2579628A1; DE3344416A1; WO8606108A1; WO9222909A1; US7122219B2; US7229536B2; EP2749671A1; EP0129088B1; WO2023037010A3

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0129734 A2 19850102; EP 0129734 A3 19850605; EP 0129734 B1 19900131**; AT E50003 T1 19900215; AU 2874984 A 19841206; AU 580002 B2 19881222; BR 8402693 A 19850507; CA 1246008 A 19881206; CS 273157 B2 19910312; CS 409284 A2 19900712; DD 232514 A5 19860129; DD 253648 A1 19880127; DE 3481203 D1 19900308; FI 75872 B 19880429; FI 75872 C 19880808; FI 842145 A0 19840529; FI 842145 A 19841201; HU 201124 B 19900928; HU T34562 A 19850328; IN 161186 B 19871017; JP H0375635 B2 19911202; JP S59232284 A 19841227; KR 840009124 A 19841224; KR 870001769 B1 19871006; NO 164487 B 19900702; NO 164487 C 19901010; NO 842156 L 19841203; PL 143728 B1 19880331; PL 247951 A1 19850227; ZA 844069 B 19860129

DOCDB simple family (application)  
**EP 84106102 A 19840529**; AT 84106102 T 19840529; AU 2874984 A 19840528; BR 8402693 A 19840530; CA 455237 A 19840528; CS 409284 A 19840531; DD 26357784 A 19840530; DE 3481203 T 19840529; FI 842145 A 19840529; HU 210984 A 19840530; IN 393MA1984 A 19840529; JP 10977584 A 19840531; KR 840002998 A 19840530; NO 842156 A 19840530; PL 24795184 A 19840530; ZA 844069 A 19840529