

Title (en)  
Anode device for electrolytic cell.

Title (de)  
Anodenanordnung für elektrolytische Zwecke.

Title (fr)  
Dispositif anodique pour cellule d'électrolyse.

Publication  
**EP 0436078 B1 19940105 (DE)**

Application  
**EP 90119463 A 19901011**

Priority  
DE 3940044 A 19891204

Abstract (en)  
[origin: US5135633A] An anode arrangement used in electrolytic processes for steel strip galvanizing or chrome-plating has a plate-like anode of titanium with an active surface, which is connected to a generally planar carrier having a steel core and a current supply conductor comprising a sleeve element and a bushing element. The core has a passage extending through it to receive the bushing element, and, for protection against attack by the electrolytic solution, the core is loosely surrounded by an envelope of titanium foil; in the region of the bushing element, the envelope has passages, the edges of which are welded to the bushing element in a gas-tight and fluid-tight manner.

IPC 1-7  
**C25D 17/12**; **C25B 9/04**

IPC 8 full level  
**C25B 11/02** (2006.01); **C25B 9/04** (2006.01); **C25B 11/08** (2006.01); **C25B 11/10** (2006.01); **C25D 17/12** (2006.01)

CPC (source: EP US)  
**C25B 9/65** (2021.01 - EP US); **C25D 17/12** (2013.01 - EP US)

Cited by  
EP0713932A1

Designated contracting state (EPC)  
AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**US 5135633 A 19920804**; AT E99742 T1 19940115; DE 3940044 A1 19910606; DE 3940044 C2 19940811; DE 59004140 D1 19940217; EP 0436078 A2 19910710; EP 0436078 A3 19910731; EP 0436078 B1 19940105; ES 2047798 T3 19940301; JP 2604901 B2 19970430; JP H03183792 A 19910809

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**US 61636790 A 19901121**; AT 90119463 T 19901011; DE 3940044 A 19891204; DE 59004140 T 19901011; EP 90119463 A 19901011; ES 90119463 T 19901011; JP 31298090 A 19901120