

Title (en)

COATED VALVE METAL ANODE FOR ELECTROLYTICAL RECUPERATION OF METALS OR METAL OXIDES

Publication

EP 0089475 B1 19870204 (DE)

Application

EP 83101018 A 19830203

Priority

DE 3209138 A 19820312

Abstract (en)

[origin: ES8401152A1] A coated valve metal anode for the electrolytic extraction of metals or metal oxides, comprising a current-carrying component, e.g. a current lead and/or a current distributor, which consists of a jacket of valve metal and a core arranged therein made of a metal which is a good conductor. In order to prevent as far as possible the internal ohmic voltage loss in the case of such an electrode, in the core metal of the current-carrying component a contact structure is embedded which is preferably made of valve metal and is connected by a plurality of welds with the inner surface of the jacket.

IPC 1-7

C25C 7/02; **C25B 9/04**; **C25B 11/02**

IPC 8 full level

C25B 1/21 (2006.01); **C25B 9/02** (2006.01); **C25B 9/04** (2006.01); **C25B 11/02** (2006.01); **C25C 7/02** (2006.01)

CPC (source: EP US)

C25B 9/65 (2021.01 - EP US); **C25B 11/02** (2013.01 - EP US); **C25C 7/02** (2013.01 - EP US)

Cited by

US5277776A; FR2560224A1; EP0470335A1; EP0753604A1; US5679240A; FR2560223A1; FR2560222A1; EP0508537A1; BE1004728A3; US5286925A

Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

EP 0089475 A1 19830928; **EP 0089475 B1 19870204**; AU 1173083 A 19830915; AU 562992 B2 19870625; CA 1194836 A 19851008; DE 3209138 A1 19830915; DE 3369709 D1 19870312; ES 520387 A0 19831201; ES 8401152 A1 19831201; JP S58167787 A 19831004; JP S6242036 B2 19870905; PL 136045 B1 19860131; PL 240690 A1 19831010; US 4460450 A 19840717; ZA 83957 B 19831130

DOCDB simple family (application)

EP 83101018 A 19830203; AU 1173083 A 19830222; CA 421447 A 19830211; DE 3209138 A 19820312; DE 3369709 T 19830203; ES 520387 A 19830308; JP 4136483 A 19830312; PL 24069083 A 19830221; US 46525083 A 19830209; ZA 83957 A 19830211