

Title (en)

Electrode for the recovery of metals from a solution containing metal-ions.

Title (de)

Elektrode für das Austragen von Metallen aus Metallionen enthaltender Lösung.

Title (fr)

Electrode pour la récupération de métaux à partir d'une solution contenant des ions métalliques.

Publication

EP 0429748 B1 19940921 (DE)

Application

EP 90110925 A 19900609

Priority

DE 3939433 A 19891129

Abstract (en)

[origin: EP0429748A1] For the continuous electrolytic recovery of metals in nonhomogeneous form from a solution containing metal ions, use is made of an endless flexible titanium belt (7) as cathode area. The belt (7) is partially immersed in the solution and passes through it, being guided in the solution around a cathode roller (2) which is partially surrounded by a titanium anode (5) with an activation coating. After leaving the solution the metal deposited as a nonhomogeneous material is removed from the flexible belt by a stripper device (13). <IMAGE>

IPC 1-7

C25C 7/00; **C25C 7/08**; **C25C 5/02**

IPC 8 full level

C25C 5/02 (2006.01); **C25C 7/00** (2006.01); **C25C 7/08** (2006.01)

CPC (source: EP)

C25C 5/02 (2013.01); **C25C 7/007** (2013.01); **C25C 7/08** (2013.01)

Cited by

US2022090281A1; US11821096B2; WO2021093343A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0429748 A1 19910605; **EP 0429748 B1 19940921**; AT E111974 T1 19941015; DE 4035328 A1 19910606; DE 59007241 D1 19941027

DOCDB simple family (application)

EP 90110925 A 19900609; AT 90110925 T 19900609; DE 4035328 A 19901107; DE 59007241 T 19900609