

Title (en)

ELECTROLYTIC CATHODE ASSEMBLY WITH PROTECTIVE COVERING AND INJECTED SEAL

Title (de)

ELEKTROLYTISCHE KATHODENANORDNUNG MIT SCHUTZSCHICHT UND INJIZIERTER DICHTUNG

Title (fr)

ENSEMBLE CATHODE ÉLECTROLYTIQUE À REVÊTEMENT DE PROTECTION ET À JOINT D'ÉTANCHÉITÉ INJECTÉ

Publication

EP 2882889 A4 20160127 (EN)

Application

EP 13828692 A 20130809

Priority

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- CA 2013050612 W 20130809

Abstract (en)

[origin: WO2014022937A1] An electrolytic cathode assembly includes an electrically conductive hanger bar, a deposition plate attached along an upper end to the hanger bar to define a joint, and a protective covering generally surrounding the hanger bar and a portion of an upper end of the deposition plate so as to substantially enclose the joint. The protective covering may be die formed from bending a sheet of material. A corrosion resistant material is injected into a channel between the protective covering and the hanger bar to form a substantially continuous seal extending around the hanger bar, thereby to at least hinder fluid flow into the protective covering.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] WO 03106738 A1 20031224 - FALCONBRIDGE LTD [CA], et al
- [A] US 2009050488 A1 20090226 - JICKLING ROBERT STANLEY [CA], et al
- [A] WO 03062497 A1 20030731 - MOUNT ISA MINES [AU], et al
- [A] US 6569300 B1 20030527 - ASSENMACHER WILLIAM [US]
- See references of WO 2014022937A1

Designated contracting state (EPC)

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WO 2014022937 A1 20140213; AP 2015008253 A0 20150228; AU 2013302191 A1 20150226; AU 2013302191 B2 20180215; CA 2881064 A1 20140213; CL 2015000303 A1 20151228; CN 104619888 A 20150513; EP 2882889 A1 20150617; EP 2882889 A4 20160127; EP 2882889 B1 20181219; ES 2716578 T3 20190613; US 2015218721 A1 20150806; ZA 201501026 B 20160629

DOCDB simple family (application)

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