

Title (en)

ANODE APPARATUS AND METHODS REGARDING THE SAME

Title (de)

ANODENVORRICHTUNG UND ZUGEHÖRIGE VERFAHREN

Title (fr)

APPAREIL À ANODE ET PROCÉDÉS ASSOCIÉS

Publication

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Application

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Abstract (en)

[origin: WO2018053515A1] In some embodiments, an anode apparatus comprises: (a) an anode body comprising at least one outer sidewall, wherein the outer sidewall is configured to define a shape of the anode body, and to perimetricaly surround a hole in the anode body, wherein the hole comprises an upper opening in a top surface of the anode body and wherein the hole axially extends into the anode body; (b) a pin comprising: a first end and a second end opposite the first end, wherein the second end extends downward into the upper end of the anode body and into the hole of the anode body; and (c) a sealing material configured to cover at least a portion of at least one of the following: (1) an inner sidewall of the anode body; (2) the top surface of the anode body; (3) the pin; and (4) the anode support.

IPC 8 full level

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Citation (search report)

- [XYI] US 2016068981 A1 20160310 - REED SUSAN M [US], et al
- [X] WO 2012100340 A1 20120802 - UNIV LAVAL [CA], et al
- [X] US 6805777 B1 20041019 - D ASTOLFO JR LEROY E [US]
- [YA] US 5279909 A 19940118 - HORNER M HARLAN [US], et al
- See references of WO 2018053515A1

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DK 181019 B1 20220927; DK 201970168 A1 20190401; EA 201990554 A1 20190731; EP 3516094 A1 20190731; EP 3516094 A4 20200715;
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