

Title (en)

ISOLATION DEVICE CONTAINING A DISSOLVABLE ANODE AND ELECTROLYTIC COMPOUND

Title (de)

ISOLIERVORRICHTUNG MIT LÖSLICHER ANODE UND ELEKTROLYTISCHER VERBINDUNG

Title (fr)

DISPOSITIF D'ISOLEMENT CONTENANT UNE ANODE DISSOLUBLE ET UN COMPOSÉ ÉLECTROLYTIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2015108627A1] A wellbore isolation device comprising: a first material, wherein the first material: (A) is a metal or a metal alloy; and (B) partially dissolves when an electrically conductive path exists between the first material and a second material and at least a portion of the first and second materials are in contact with an electrolyte; and an electrolytic compound, wherein the electrolytic compound dissolves in a fluid located within the wellbore to form free ions that are electrically conductive. A method of removing the wellbore isolation device comprises: placing the wellbore isolation device into the wellbore; and allowing at least a portion of the first material to dissolve.

IPC 8 full level

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