

Search strategy

Query

(CORROSION AND RESISTANCE AND (THERMAL INSULATOR))/TI/AB/TX AND ((E21B)/IPC AND (G01N)/IPC)

2 Documents

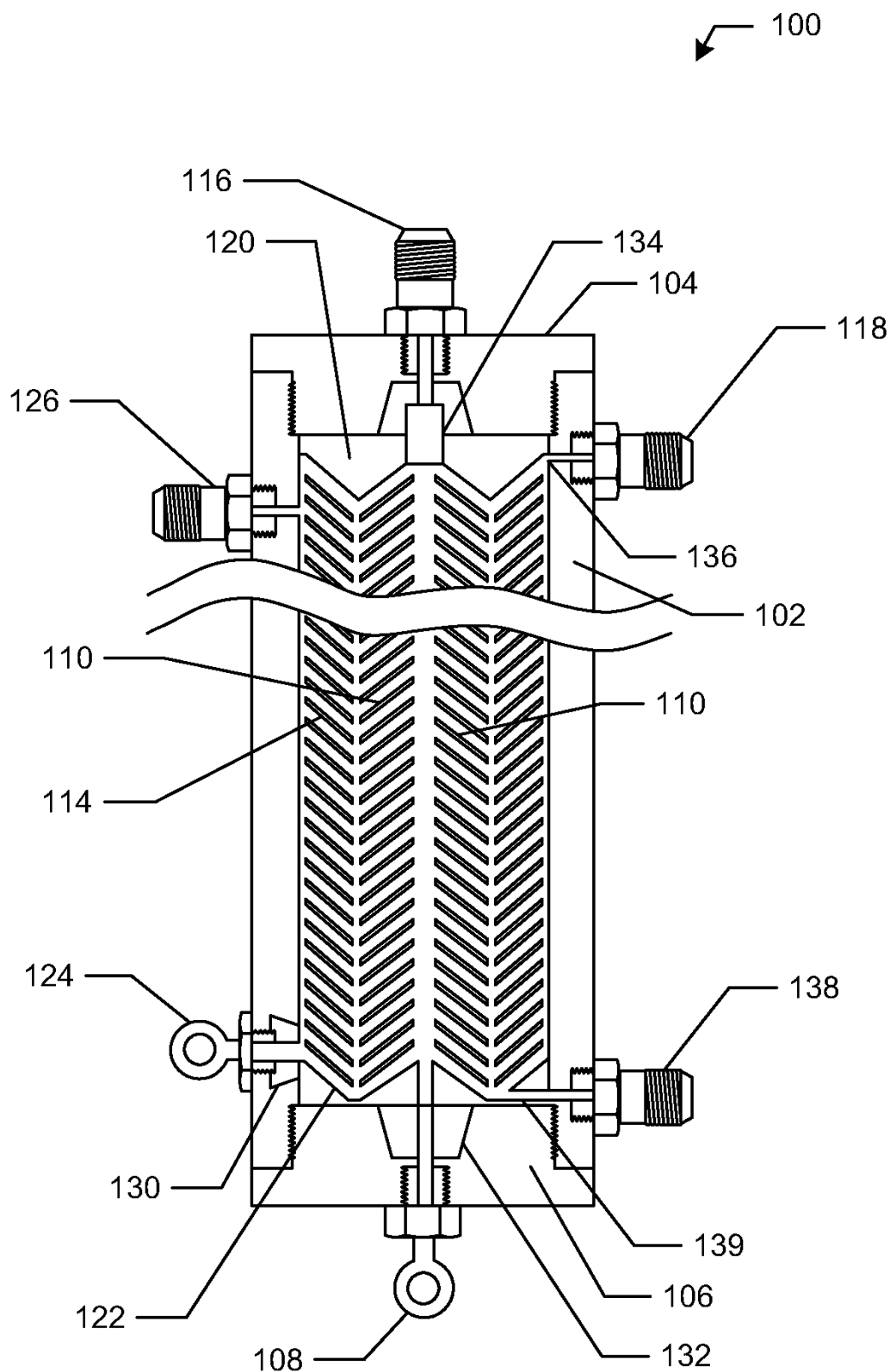
Publication numbers	Title	Current assignees
EP2399316 A1	Apparatus and method for controlling nucleation during electrolysis	MCALISTER TECHNOLOGIES
EP-104788 A2	Methods of and apparatus for detecting exposure of components to selected temperatures	BABCOCK & WILCOX

Family 1/2 - FAMPAT - ©Questel

Title

(EP2399316)

Apparatus and method for controlling nucleation during electrolysis

Images**Publication numbers with kind code & date**[BR112012020275](#)

A2 2018-04-17

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US20110206915	A1	2011-08-25	US20110206915				
US20110207008	A1	2011-08-25	US20110207008				
WO2011/102851	A1	2011-08-25	WO2011102851				
CA2788429	A1	2011-08-18	CA2788429				
CA2788433	A1	2011-08-18	CA2788433				
CA2788540	A1	2011-08-18	CA2788540				
CA2789688	A1	2011-08-18	CA2789688				
CA2789689	A1	2011-08-18	CA2789689				

CA2789691	A1	2011-08-18	CA2789691				
CA2789693	A1	2011-08-18	CA2789693				
CA2789694	A1	2011-08-18	CA2789694				
CA2789703	A1	2011-08-18	CA2789703				
US20110198211	A1	2011-08-18	US20110198211				
US20110199220	A1	2011-08-18	US20110199220				
WO2011/100689	A2	2011-08-18	WO2011100689				
WO2011/100695	A2	2011-08-18	WO2011100695				
WO2011/100696	A2	2011-08-18	WO2011100696				
WO2011/100699	A2	2011-08-18	WO2011100699				
WO2011/100704	A2	2011-08-18	WO2011100704				
WO2011/100716	A2	2011-08-18	WO2011100716				
WO2011/100718	A2	2011-08-18	WO2011100718				
WO2011/100720	A2	2011-08-18	WO2011100720				
WO2011/100721	A2	2011-08-18	WO2011100721				
WO2011/100722	A2	2011-08-18	WO2011100722				
WO2011/100724	A2	2011-08-18	WO2011100724				
WO2011/100726	A2	2011-08-18	WO2011100726				
WO2011/100728	A2	2011-08-18	WO2011100728				
WO2011/100731	A2	2011-08-18	WO2011100731				
WO2011/028233	A3	2011-06-23	WO201128233				
WO2011/053341	A3	2011-06-23	WO201153341				
WO2011/028401	A3	2011-06-16	WO201128401				
WO2011/028402	A3	2011-06-16	WO201128402				
WO2011/034677	A3	2011-05-12	WO201134677				
WO2011/053341	A2	2011-05-05	WO201153341				
US20110081586	A1	2011-04-07	US20110081586				
WO2011/034677	A2	2011-03-24	WO201134677				
CA2770510	A1	2011-03-10	CA2770510				
WO2011/028233	A2	2011-03-10	WO201128233				
WO2011/028400	A2	2011-03-10	WO201128400				
WO2011/028401	A2	2011-03-10	WO201128401				
WO2011/028402	A2	2011-03-10	WO201128402				
CA2752698	A1	2010-08-26	CA2752698				
CA2752707	A1	2010-08-26	CA2752707				
CA2752825	A1	2010-08-26	CA2752825				
US20100213052	A1	2010-08-26	US20100213052				
US20100213076	A1	2010-08-26	US20100213076				
WO2010/096503	A1	2010-08-26	WO201096503				
WO2010/096504	A1	2010-08-26	WO201096504				
WO2010/096505	A1	2010-08-26	WO201096505				

Abstract

(EP2399316)

In one embodiment of the present invention an electrolytic cell is provided comprising: a containment vessel; a first electrode; a second electrode; a source of electrical current in electrical communication with the first electrode and the second electrode; an electrolyte in fluid communication with the first electrode and the second electrode; a gas, wherein the gas is formed during electrolysis at or near the first electrode; and a separator; wherein the first electrode is configured to control the location of nucleation of the gas by substantially separating the location of electron transfer and nucleation.

Inventors

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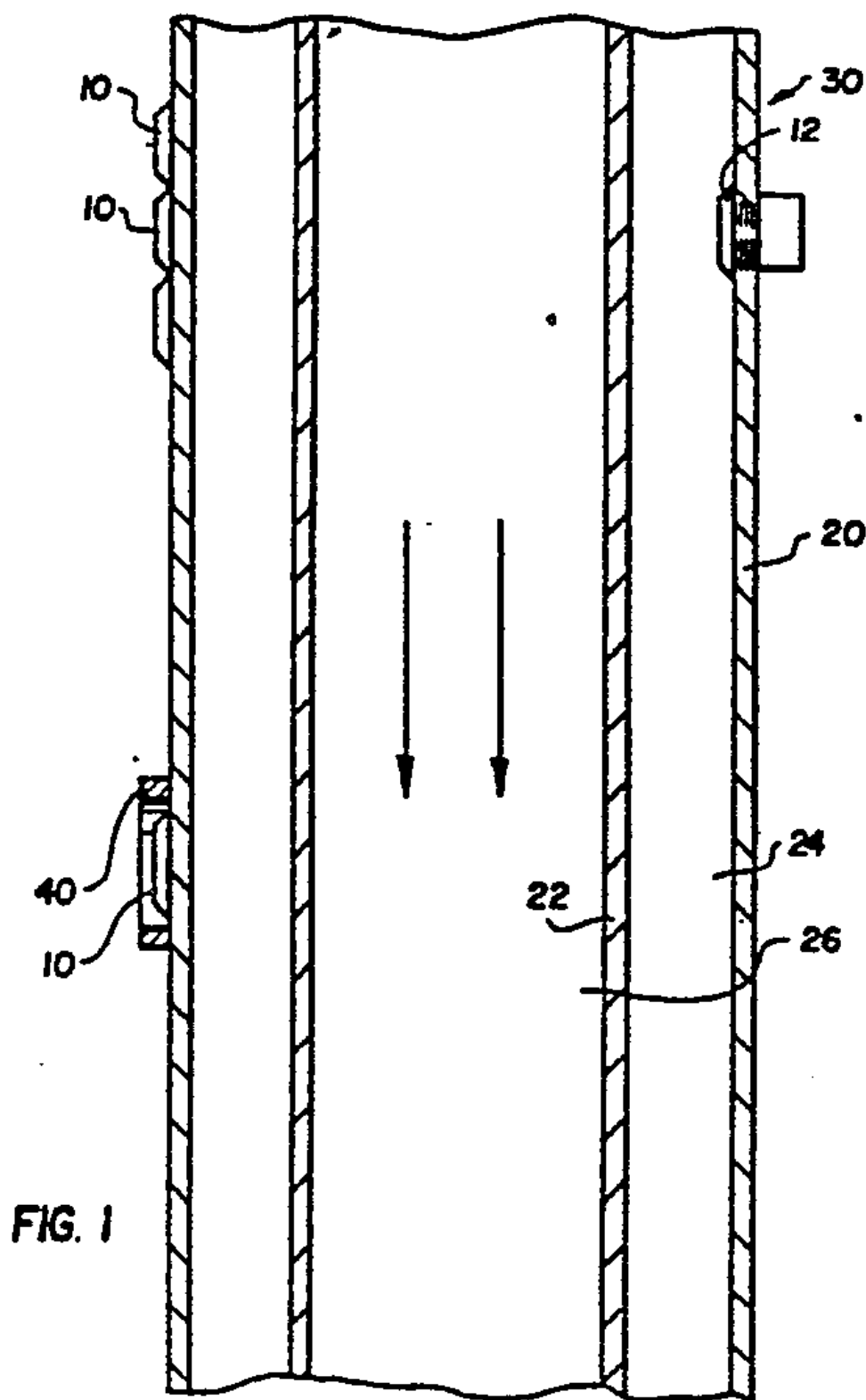
Latest standardized assignees - inventors removed

Family 2/2 - FAMPAT - ©Questel

Title

(EP-104788)

Methods of and apparatus for detecting exposure of components to selected temperatures

Images**FIG. 1****Publication numbers with kind code & date**

KR920002017

B1 1992-03-09

KR920002017

JP1605226

C 1991-05-13

JP1605226



JPH0229972	B2	1990-07-03	JP90029972				
MX158410	A	1989-01-30	MX-158410				
IN162881	B	1988-07-16	IN-162881				
DE3374208	D1	1987-12-03	DE3374208				
AT30453	T	1987-11-15	ATE030453				
EP0104788	B1	1987-10-28	EP-104788				
PH20749	A	1987-04-02	PH--20749				
CA1218268	A	1987-02-24	CA1218268				
TR22001	A	1985-12-31	TR--22001				
EP0104788	A3	1985-11-27	EP-104788				
US4516520	A	1985-05-14	US4516520				
KR840006072	A	1984-11-21	KR19840006072				
JPS5985928	A	1984-05-18	JP59085928				
EP0104788	A2	1984-04-04	EP-104788				
BR8304590	A	1984-04-03	BR8304590				

Abstract

(EP0104788)

A coupon (10, 12) is bonded to a component (20) using a bonding agent which is capable of withstanding temperatures only up to a selected temperature above which the bonding agent no longer holds the coupon to the component. The component (20), during an operation, is intended for exposure to temperatures not above the selected temperature. An exposure of the component (20) to the elevated selected temperature is identified by the fact that the coupon (10, 12) is no longer bonded to the component after termination of the operation. When the component (20) is provided with insulation, the selected temperature is chosen to correspond to a temperature at which the insulation fails to determine the integrity of the insulation after the operation. The coupon (10, 12) may be bonded to an exterior or interior surface of the component. With an exterior bonded coupon, visual inspection is sufficient. With an interior bonded coupon, detection means such as ultrasonic instrumentation is utilized to determine the presence or absence of the bonded coupon.

Inventors

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Latest standardized assignees - inventors removed

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