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Faça uma análise preliminar de patentes relacionadas a "Smart Grids", em relação aos principais depositantes, sua cobertura geográfica e evolução temporal

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3	☐	(A) IT EXPERIENCE USIN... ROARD	KIM DONG MAN
4	☐	Outage Prediction With Next G...	VISTA
5	☐	Smart Substation Management	ELECTRIC
6	☐	SMART GRID AND METHOD FOR OPER	NEC; UN... MURCIA
7	☐	Method, system and device for dete	GENERAL ELECTRI
8	☐	METHOD AND APPARATUS FOR MANA	SAMSUNG ELECTRONICS
9	☐	AGGREGATED REAL-TIME POWER OU	TRILLIANT HOLDINGS
10	☐	COMPOSITE CARBON FIBER ELECTRO	SOLARNO; UNIVERSITY O
11	☐	An intelligent system to supervise	HSU YU-HUI; TU JIH-FU
12	☐	(A) SYSTEM AND METHOD FOR DATA	KEPCO KDN
13	☐	Systems and methods for detecting	GENERAL ELECTRIC
14	☐	PROCESS, DEVICE AND SYSTEM FOR	TRILLIANT; TRILLIANT HOL
15	☐	(A) Electric energy control system u	SYNCPULSE
16	☐	(A) Solar energe storage system us	KIM HYUN GI
17	☐	(A) MANAGEMENT SYSTEM OF ELECT	KEPCO KDN
18	☐	(A) Charging and Billing System Usi	LEE CHOM SIK
19	☐	Methods and apparatus for controll	GENERAL ELECTRIC
20	☐	REFRIGERATOR AND REMOTE CONTR	LG ELECTRONICS; LG ELECTRONICS
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System and method of wireless enabled device configuration over an advanced metering infrastructure (AMI)

Receive Information About One Or More Wireless Access Points Accessible By A First Device From The First Device Over A First Network
502

Receive Configuration Information For The First Device From A Second Device Via A Second Network
504

Described herein are embodiments of methods and systems for configuring a wireless-enabled device over an advanced metering infrastructure (AMI) network. In accordance with one aspect, a method is provided comprising receiving, from a first device (106) via a first network (110), information about one or more wireless access points (210) accessible by the first device (106). The method further comprises receiving, from a second device (206) via a second network (208), configuration information for the first device (106) for configuring the first device (106) to connect to a wireless network (202) through one of the one or more wireless access points (210); and configuring the first device (106) using the configuration information. In one aspect, configuring
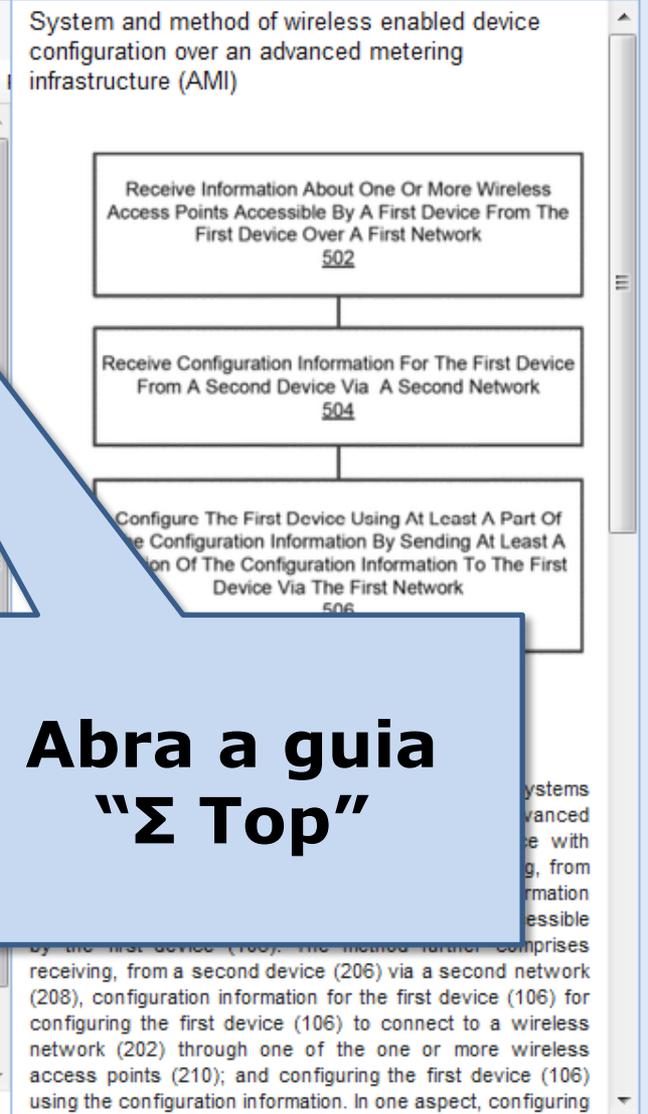
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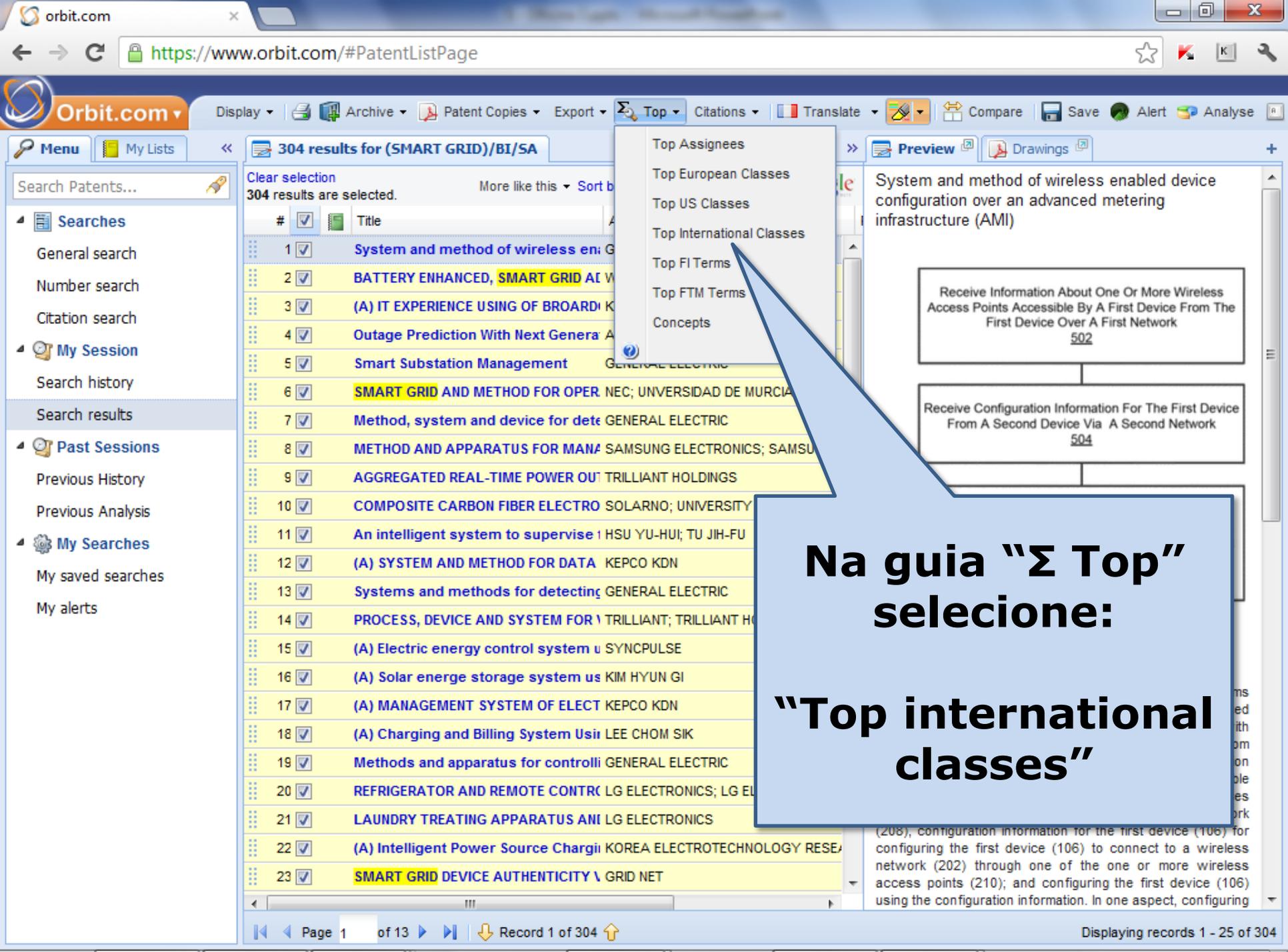   My alerts

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3	☑		(A) IT EXPERIENCE USING OF BROARD	KIM DONG MAN
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5	☑		Smart Substation Management	GENERAL ELECTRIC
6	☑		SMART GRID AND METHOD FOR OPER	NEC; UNVERSIDAD DE MURC
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8	☑		METHOD AND APPARATUS FOR MANA	SAMSUNG ELECTRONICS; SAMS
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17	☑		(A) MANAGEMENT SYSTEM OF ELECT	KEPCO KDN
18	☑		(A) Charging and Billing System Usir	LEE CHOM SIK
19	☑		Methods and apparatus for controlli	GENERAL ELECTRIC
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System and method of wireless enabled device configuration over an advanced metering infrastructure (AMI)

Receive Information About One Or More Wireless Access Points Accessible By A First Device From The First Device Over A First Network
502

Receive Configuration Information For The First Device From A Second Device Via A Second Network
504

Configure The First Device Using At Least A Part Of The Configuration Information By Sending At Least A Portion Of The Configuration Information To The First Device Via The First Network
506

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receiving, from a second device (206) via a second network (208), configuration information for the first device (106) for configuring the first device (106) to connect to a wireless network (202) through one of the one or more wireless access points (210); and configuring the first device (106) using the configuration information. In one aspect, configuring

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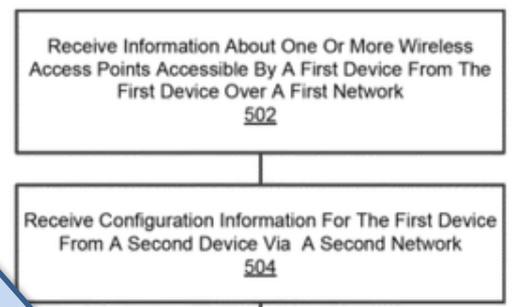My saved searches
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System and method of wireless enabled device configuration over an advanced metering infrastructure (AMI)

Receive Information About One Or More Wireless Access Points Accessible By A First Device From The First Device Over A First Network
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(208), configuration information for the first device (106) for configuring the first device (106) to connect to a wireless network (202) through one of the one or more wireless access points (210); and configuring the first device (106) using the configuration information. In one aspect, configuring

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Symbol	Description
H02J 7/14	· for charging batteries from dynamo-electric generators driven at varying speed, e.g. on vehicle
H02J 7/16	· · Regulation of the charging current or voltage by variation of field
H02J 7/18	· · · due to variation of ohmic resistance in field circuit, using resistance switching in or out of circuit step by step
H02J 7/20	· · · due to variation of continuously-variable ohmic resistor
H02J 7/22	· · · due to variation of make-to-break ratio of intermittently-operating contacts, e.g. using Tirrill regulator
H02J 7/24	· · · using discharge tubes or semiconductor devices
H02J 7/26	· · · using magnetic devices with controllable degree of saturation
H02J 7/28	· · · using magnetic devices with controllable degree of saturation in combination with controlled discharge tube or controlled semiconductor device
H02J 7/30	· · · using armature-reaction-excited machines
H02J 7/32	· for charging batteries from a charging set comprising a non-electric prime mover
H02J 7/34	· Parallel operation in networks using both storage and other dc sources, e.g. providing buffering (H02J 7/14 takes precedence) [4]
H02J 7/35	· · with light sensitive cells [4]
H02J 7/36	· Arrangements using end-cell switching
H02J 9/00	Circuit arrangements for emergency or stand-by power supply, e.g. for emergency lighting (with provision for charging standby battery H02J 7/00)
H02J 9/02	· in which an auxiliary distribution system and its associated lamps are brought into service
H02J 9/04	· in which the distribution system is disconnected from the normal source and connected to a standby source
H02J 9/06	· · with automatic change-over
H02J 9/08	· · · requiring starting of a prime-mover
H02J 11/00	Circuit arrangements for providing service supply to auxiliaries of stations in which electric power is generated, distributed, or converted (emergency or standby arrangements H02J 9/00)
H02J 13/00	Circuit arrangements for providing remote indication of network conditions, e.g. an instantaneous record of the open or closed condition of each circuitbreaker in the network; Circuit arrangements for providing remote control of switching means in a power distribution network, e.g. switching in and out of current consumers by using a pulse code signal carried by the network
H02J 15/00	Systems for storing electric energy (mechanical systems therefor F01-F04; in chemical form H01M) [2]
H02J 17/00	Systems for supplying or distributing electric power by electromagnetic waves [3]

H02J 11/00	**Circuit** arrangements for **providing service supply to auxiliaries of stations in which electric power is generated, distributed, or converted** (emergency or standby arrangements **H02J 9/00**)
H02J 13/00	**Circuit** arrangements for **providing remote indication of network conditions, e.g. an instantaneous record of the open or closed condition of each circuitbreaker in the network; Circuit** arrangements for **providing remote** control **of switching means in a power distribution network, e.g. switching in and out of current consumers by using a pulse code signal carried by the network**
H02J 15/00	**Systems for storing electric energy** (mechanical systems therefor **F01**-**F04**; in chemical form **H01M**) [2]
H02J 17/00	**Systems for supplying or distributing electric power by electromagnetic waves [3]**

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🗗	H02J 7/34	· Parallel operation in networks using both storage and other dc sources, e.g. providing buffering (H02J 7/14 takes precedence) [4]
🗗	H02J 7/35	· · with light sensitive cells [4]
🗗	H02J 7/36	· Arrangements using end-cell switching
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🗗	H02J 9/08	· · · requiring starting of a prime-mover
🗗	**H02J 11/00**	**Circuit arrangements for providing service supply to auxiliaries of stations in which electric power is generated, distributed, or converted** (emergency or standby arrangements H02J 9/00)
🗗	**H02J 13/00**	**Circuit arrangements for providing remote indication of network conditions, e.g. an instantaneous record of the open or closed condition of each circuitbreaker in the network; Circuit arrangements for providing remote control of switching means in a power distribution network, e.g. switching in and out of current consumers by using a pulse code signal carried by the network**
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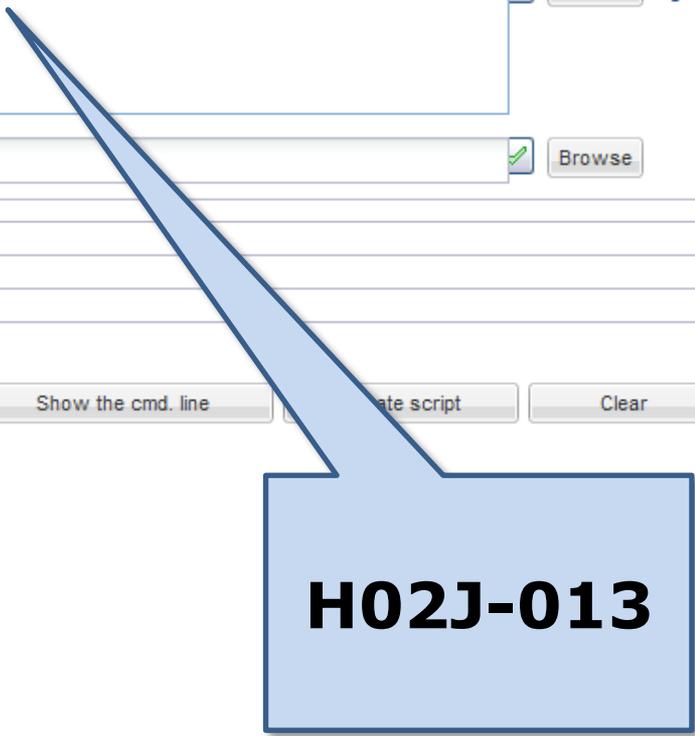
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14	☐	POWER CONTROL SYSTEM	TOSHIBA; TOSHIBA
15	☐	System and Method for Managing C	GENERAL ELECTRIC
16	☐	Systems and methods for charging	INDUSTRIAL TECHNOL...
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20	☐	Intelligent electric device and netwc	LSIS; LSIS
21	☐	INFORMATION PROCESSING APPARA1	CANON; CANON
22	☐	DEVICE OF ESTIMATE OF THE REQUIRI	DENSO; DENSO
23	☐	POWER RELAY DEVICE, POWER RELA\	SONY; SONY

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Preview: Systems, methods, and apparatus for identifying invalid nodes within a mesh network

...associated with the identified change may be generated by the utility meter (120). The generated alert may then be output by the utility meter for communication to a central controller (110) configured to process the alert message to identify an invalid node within the mesh network.

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4	ELECTRICAL INSTRUMENT, POWER M	SAMSUNG ELECTRONICS; SAMSUNG E
5	Reactive voltage control system anc	SINOVEL WIND
6	Self-organized power and energy cc	ROCKWELL AUTOMATION
7	Control of the distribution of electri	SIEMENS
8	Load balancing for distribution pow	GENERAL ELECTRIC
9	Methods and apparatus for controlli	GENERAL ELECTRIC
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23	POWER RELAY DEVICE, POWER RELAY	SONY; SONY

Systems, methods, and apparatus for identifying invalid nodes within a mesh network

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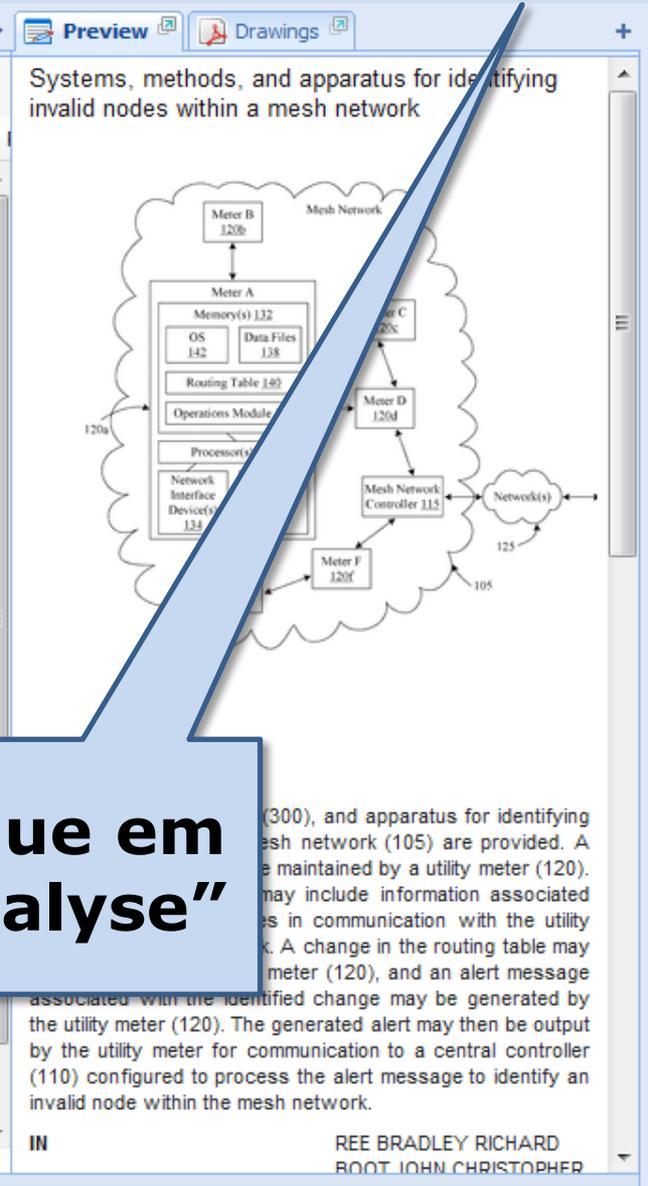
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#	☑		Title	Assignee
1	☑		Systems, methods, and apparatus f	GENERAL ELECTRIC
2	☑		Washing machine, power managem	SAMSUNG ELECTRONICS; SAMSUNG E
3	☑		METHOD AND APPARATUS FOR MANA	SAMSUNG ELECTRONICS; SAMSUNG E
4	☑		ELECTRICAL INSTRUMENT, POWER M.	SAMSUNG ELECTRONICS; SAMSUNG E
5	☑		Reactive voltage control system and	SINOVEL WIND
6	☑		Self-organized power and energy co	ROCKWELL AUTOMATION
7	☑		Control of the distribution of electri	SIEMENS
8	☑		Load balancing for distribution pow	GENERAL ELECTRIC
9	☑		Met	
10	☑		Sys	
11	☑		Sys	
12	☑		Inte	
13	☑		INTERACTIVE CHARGING MANAGEME	INDUSTRIAL TECHNOLOGY RESEARCH
14	☑		POWER CONTROL SYSTEM	TOSHIBA; TOSHIBA
15	☑		System and Method for Managing C	GENERAL ELECTRIC
16	☑		Systems and methods for charging	INDUSTRIAL TECHNOLOGY RESEARCH
17	☑		Arrangement and method for testin	SIEMENS
18	☑		JUNCTION BOX, ENERGY SYSTEM AND	GENESYS LOGIC
19	☑		BACCARAT GAME WITH ASSOCIATED	STELPRO DESIGN
20	☑		Intelligent electric device and netwo	LSIS; LSIS
21	☑		INFORMATION PROCESSING APPARAT	CANON; CANON
22	☑		DEVICE OF ESTIMATE OF THE REQUIRE	DENSO; DENSO
23	☑		POWER RELAY DEVICE, POWER RELAY	SONY; SONY

Analysis in progress ✕

Current task - Preparing data

7%

Systems, methods, and apparatus for identifying invalid nodes within a mesh network
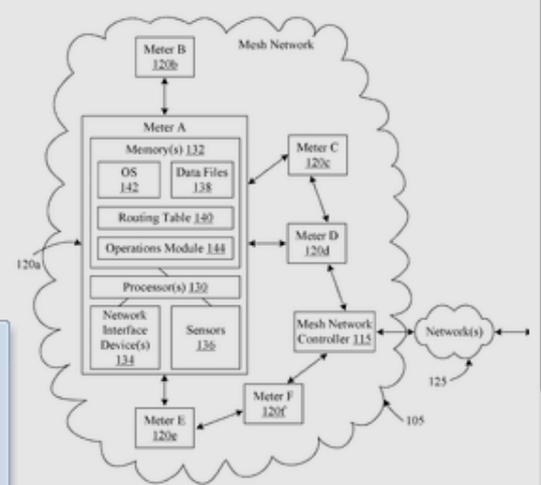
AB
(EP2485533)

Systems (100), methods (300), and apparatus for identifying invalid nodes within a mesh network (105) are provided. A routing table (104) may be maintained by a utility meter (120). The routing table (140) may include information associated with one or more devices in communication with the utility meter via a mesh network. A change in the routing table may be identified by the utility meter (120), and an alert message associated with the identified change may be generated by the utility meter (120). The generated alert may then be output by the utility meter for communication to a central controller (110) configured to process the alert message to identify an invalid node within the mesh network.

IN
REE BRADLEY RICHARD
BOOT JOHN CHRISTOPHER

◀◀ ◀ Page 1 of 109 ▶ ▶▶ | ⬇ Record 1 of 2710 ⬆ | Displaying records 1 - 25 of 2710

Questel Analysis module: loading data

loading data. Please wait...

Save   Alert   Analyse

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...nd apparatus for identifying
...mesh network

...300), and apparatus for identifying
...sh network (105) are provided. A
...maintained by a utility meter (120).
...ay include information associated
...s in communication with the utility
...A change in the routing table may
...meter (120), and an alert message
...fied change may be generated by
the utility meter (120). The generated alert may then be output
by the utility meter for communication to a central controller
(110) configured to process the alert message to identify an
invalid node within the mesh network.

IN   REE BRADLEY RICHARD
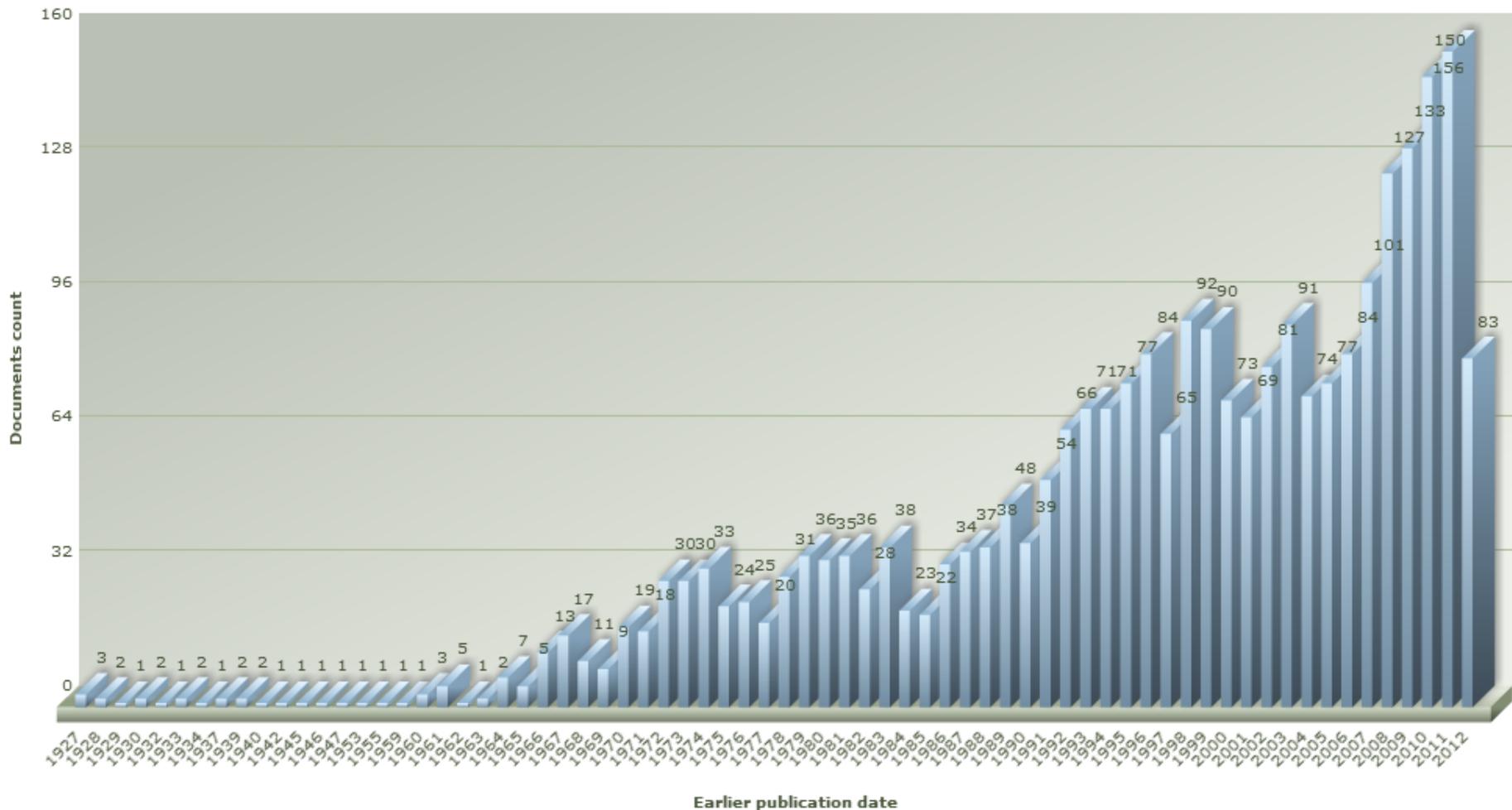   BOOT JOHN CHRISTOPHER

21	☑	INFORMATION PROCESSING APPARA	CANON; CANON
22	☑	DEVICE OF ESTIMATE OF THE REQUIRE	DENSO; DENSO
23	☑	POWER RELAY DEVICE, POWER RELAY	SONY; SONY

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statsprd.questel.fr/PRD/stat_tempo.aspx?id=4fae287980da427faeed34974b360085&grpid=&Lang=en&pgw=&flash=&def=1&loading=true

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Documents   Assignees   Inventors   Agent   Technologies   Data crossing   Mapping (beta)   Graphic size: 1000px

2 AND NPN>2

Distribution by date (Publication date) ⓘ

Earlier publication date

Oficina 3C

Faça uma análise preliminar de patentes relacionadas a "Smart Grids", em relação aos principais depositantes, sua cobertura geográfica e evolução temporal

AXONAL.

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Top 50 assignees

Top 50
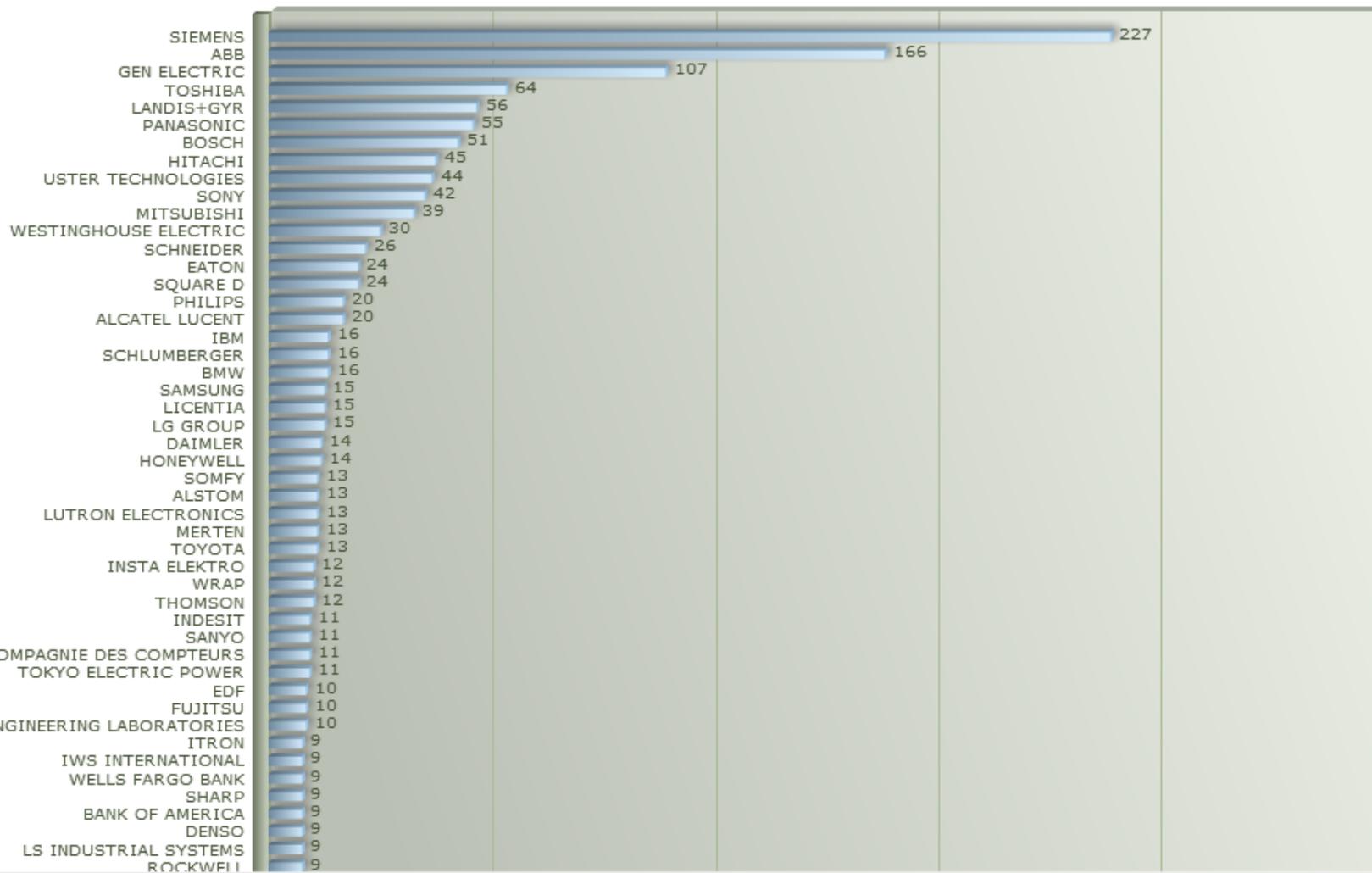
Assignee	Count
SIEMENS	227
ABB	166
GEN ELECTRIC	107
TOSHIBA	64
LANDIS+GYR	56
PANASONIC	55
BOSCH	51
HITACHI	45
USTER TECHNOLOGIES	44
SONY	42
MITSUBISHI	39
WESTINGHOUSE ELECTRIC	30
SCHNEIDER	26
EATON	24
SQUARE D	24
PHILIPS	20
ALCATEL LUCENT	20
IBM	16
SCHLUMBERGER	16
BMW	16
SAMSUNG	15
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COMPAGNIE DES COMPTEURS	11
TOKYO ELECTRIC POWER	11
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ROCKWELL	9

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Na aba "Documents" clique em "Publication Country"

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Geographical Distribution of patents based on publication country

Patents, BRAZIL, 199