

GLOBAL PATENT INDEX

ADVANCED USE OF DOCDB

Patrick Le Gonidec

Geneva - November 2008



- DOCDB = worldwide patent information resource
- bibliographic data from over 75 patent offices
- updated on a weekly basis (raw data product)

- In the past: ESPACE GLOBALPAT

- project WIPO/EPO

- minimum PCT bibliographic data

- stopped in 2004

- Today: GLOBAL PATENT INDEX (GPI)
 - prototype available for tests (online database)
 - based on standard MIMOSA technologies
 - possible launch beginning 2009

- Patent Offices
- Patent Information Centres
- Industry
- Professionals / advanced users
- Academia

i.e. anybody interested in technical, commercial, legal aspects of Patent Information

- GPI database updated on a weekly basis
 - ⇒ high-level worldwide state-of-the-art searches
 - ⇒ high-level worldwide technical/commercial watches

- In-depth DOCDB indexing
 - ⇒ DOCDB data extremely searchable and visible
 - ⇒ encourages Patent Offices to provide the EPO with bibliographic and legal status data on a regular basis
 - ⇒ used by Patent Offices for data quality control

- Potentially, 100 search criteria
 - usual bibliographic data
 - citations (patent/NPL), citation categories
 - classifications (IPC1-8, ECLA, ICO, national classifications)
 - simple family (representatives, members)
 - designations (PCT, EPC, EPC extensions)
 - proximity search (title, abstracts)

- DOCDB bibliographic data per se
- Access on-the-fly to OPS (Open Patent Service) data:
 - representative image
 - INPADOC family
 - INPADOC legal status

Criteria	Description	Synonyms
ICCA	IPC8 core level (additional information)	
ICCI	IPC8 core level (invention information)	
ICC	IPC8 core level	
ECLA	European classification	
ECNO	ECLA from national offices	
ICO	ICO classification	
NAT	national classification	
Inventor		
INVD	name (DOCDB)	
INVDA	name (DOCDBA)	
INVO	name (original)	
INVA	address	
Applicant		
APPD	name (DOCDB)	
APPDA	name (DOCDBA)	
APPO	name (original)	
APPA	address	
Title		
TXY	abstracts (not DE, EN, EP)	
Abstr		
Citat		
CPAP	patent (applicant)	
CPSR	patent (search report)	
CPEP	patent (examination phase)	
CPOP	patent (opposition phase)	
CPTP	patent (third parties)	
CNPL	NPL	
CNAP	NPL (applicant)	
CNSR	NPL (search report)	
CNEP	NPL (examination phase)	
CNOP	NPL (opposition phase)	
CNTP	NPL (third parties)	
Family		
ISR	is representative	
FRD	representative (DOCDB)	
FRE	representative (EPODOC)	
FMD	member (DOCDB)	
FME	member (EPODOC)	
FAR	abstract	

Exact mask

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Query: high limits in terms of amount of search criteria and searchable terms

Submit query View mode 20 hit(s) in 9 doc(s) found

Index

Nb Occurrences	Index for the ICCA criteria
18065	A01
899	A01B
13	A01B0001
13	A01B000100
11	A01B0003
11	A01B000300
3	A01B0005
3	A01B000500
7	A01B0007
7	A01B000700
5	A01B0009
5	A01B000900
7	A01B0011
7	A01B001100
119	A01B0013
119	A01B001300
27	A01B0015
27	A01B001500

Index: one index per criteria enabling control of presence, format, and quality of data

Search criteria: high-level searches with 100 criteria

History: save/load complex queries for weekly technological/commercial watch

History

Key	Result	Database	Query	Parsed Query
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Number	Occ.	>> Hitlist
61	2	GB 573717 A 19451203
62	2	GB 583497 A 19461219
63	2	GB 586010 A 19470304
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66	2	GB 712124 A 19540721
67	2	GB 716777 A 19541013
68	2	GB 741464 A 19551207
69	2	GB 744714 A 19560215
70	2	GB 781225 A 19570814
71	2	GB 897051 A 19620523
72	2	GB 930318 A 19630703
73	2	MX PA03011491 A 20050616
74	2	NZ 517602 A 20030926
75	2	SE 8202805 A 19831106
76	2	SE 8202806 A 19831106
77	2	US 2002003047 A1 20020110

Title (EN)
POWER DELIVERY SYSTEM WITH COMPENSATION FOR LINE LOSS

Title (FR)
SYSTEME DE FOURNITURE D'ENERGIE AVEC COMPENSATION DES PERTES DE LIGNE

Publication
WO 0069040 A2 300000 20001116

link to full document
(esp@cenet)

Application
US 0022756 W 20000124 (EN)

Priority
US 24064399 A 19990129

Abstract (EN)
A power delivery system employs a conduit, preferably an electrical transmission line having two conductors, for conduction of power from a source of the power to a load. Sensing circuitry is provided at the connection between the conduit and the load for sensing the amount of power delivered to the load, the sensing being accomplished by a metering circuit. A feedback loop is employed with a signal processor responsive to the sensing circuitry to control the amount of power to the load. A capacitor may be connected across the conduit to filter any voltage transients which may occur during operation of the feedback loop. A capacitor may be connected across the conduit to filter any voltage transients which may occur during operation of the feedback loop. In one embodiment, the system is part of a telephone system, and the load is at remote user equipment which is energized with power received via the transmission line from the power source.

Abstract (FR)
Cette invention concerne un système de fourniture d'énergie faisant passer l'énergie d'une source à deux conducteurs, pour le transport d'énergie entre une source et une charge. Un circuit de détection détermine l'énergie transmise à la charge, ceci en mesurant la puissance à la charge. Une boucle de rétroaction associée à un processeur de signal agit sur la source de la ligne de transmission. Une boucle de rétroaction associée à un processeur de signal agit sur la source de la ligne de transmission. Un condensateur peut être connecté en parallèle avec la source de la ligne de transmission pour lisser la puissance électrique, au niveau de la charge, pour lisser tout phénomène perturbateur. On peut coupler une diode zener en parallèle avec le condensateur pour protéger la charge. Dans un mode de réalisation type de l'invention, la source de puissance est située au niveau de la station centrale d'un système téléphonique et la charge est constituée par le matériel utilisateur à distance, le circuit téléphonique étant doté de sa propre alimentation en énergie qui est activée par l'énergie reçue de la source via la ligne de transmission.



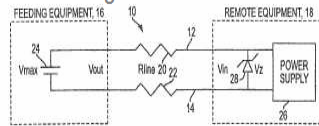
Result List:
configurable and downloadable (CSV)

Document:
configurable and downloadable (XML)
contains GPI (DOCDB) and OPS data

Number	Occ.	>> Hitlist
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75	2	SE 8202805 A 19831106
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77	2	US 2002003047 A1 20020110
78	2	US 2004196969 A1 20041007
79	2	US 2005107133 A1 20050519
80	2	US 2005126817 A1 20050616
81	2	US 2005239517 A1 20051027
82	2	US 2005254516 A1 20051117
83	2	US 2005277328 A1 20051215
84	2	US 4160575 A 19790710
85	2	US 4176239 A 19791127
86	2	US 4288832 A 19810908
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88	2	US 4725241 A 19880216
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91	4	US 5033971 A 19910723
92	2	US 5073928 A 19911217
93	2	US 5274320 A 19931228
94	2	US 5315654 A 19940524
95	2	US 5333176 A 19940726
96	2	US 5343136 A 19940830
97	2	US 5727055 A 19980310
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100	2	US 5940503 A 19990817
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105	2	US 6728375 B1 20040427
106	2	US 7065390 B2 20060620
107	2	US 7233661 B2 20070619
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112	2	WO 03079674 A1 20030925
113	2	WO 9606484 A2 19960229
114	2	WO 9623381 A1 19960801
115	2	WO 9833244 A1 19980730
116	2	WO 9931860 A1 19990624

on peut coupler une diode zener en parallèle avec le condensateur pour accroître le degré de protection contre une tension excessive. Selon un mode de réalisation type de l'invention, la source de puissance est située au niveau de la station centrale d'un système téléphonique et la charge est constituée par le matériel utilisateur à distance, le circuit téléphonique étant doté de sa propre alimentation en énergie qui est activée par l'énergie reçue de la source via la ligne de transmission.

Representative image



OPS data

Inventor

MEIR ELI

Applicant

TERAYON COMM SYSTEMS INC (US)

IPC 1-7 (main, further and additional classification)

H02BNaN/NaN

IPC 8 core level (invention and additional information)

H02J 1/00 (2006.01)

IPC 8 advanced level (invention and additional information)

H02J 1/00 (2006.01)

European classification

H02J1/00

Citation (search report)

- [X] US5508603A; [X] US5672997A; [E] US5977757A
- [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 04, 31 March 1997 (1997-12-22)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03, 27 February 1998 (1998-02-27) & JP 09 305245 A (KENWOOD CORP), 28 November 1997 (1997-11-28)

internal links

links to classifications
IPC, ECLA

Designated contracting state (PCT)

EA AM AZ BY KG KZ MD RU TJ TM EP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE JP

EPO simple patent family

WO0069040A2; WO0069040A3

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113	2	WO 9606484 A2 19960229
114	2	WO 9623381 A1 19960801
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Thank you for your attention

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