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("discontinuous reception" or DRX) AND (("not receive DRX WUS ON duration"~10) OR ("not detect DRX WUS ON duration"~10) OR ("not decode DRX WUS ON duration"~10) OR ("not determine DRX WUS ON duration"~10) OR ("not monitor DRX WUS ON duration"~10)) and (PD/01/01/1789->10/15/2021)

- ☒ US Patents
- ☒ US Patent Applications
- ☐ EP documents
- ☐ Abstracts of Japan
- ☒ WIPO (PCT)
- ☐ German Patents (Beta)

Date Range* ☒ All years ☐ Last 20 years**Word Stemming** ☒ On ☐ Off**Sort Order** ☐ Chronological ☒ Relevancy

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Note that most fields support Phrase (ABST/"cardboard box"), Proximity (ABST/"cardboard box"~5), Wildcard (ABST/card*), and Leading Wildcard (ABST/*ectomy) queries. Some fields support range queries and math operations. Only basic examples are provided below.

Field Abbr.	Field Name	Type	Syntax Example and Comments
AADR	Assignee Address (complete string)	Text	AADR/California AADR/"Route 66"
ABST	Abstract	Text	ABST/widget ABST/"titanium steel"
AC	Assignee City	Text	AC/Paris AC/"New York"
ACLM	Claims	Text	ACLM/"cardboard box"
ACN	Assignee Country	Text	ACN/JP or ACN/US
AGT	Agent	Text	AGT/"Bacon & Thomas"
AGTC	Agent Address City	Text	AGTC/Paris
AGTCN	Agent Country	Text	AGTCN/JP
AGTN	Agent Name ?	Text	AGTN/smith
AN	Assignee Name ?	Text	AN/smith
APD	Filing Date	Date ?	Single Date: APD/1/5/2012 Range: APD/1/1/1790->12/31/2001 Math: APD/NOW-20YEAR->NOW
APN	Application Number	Text	APN/123456 APN/09/123456 APN/123*
AS	Assignee State	Text	AS/NY
ASEX	Assistant Examiner Name ?	Text	ASEX/jones
CCL	US Class	Text	CCL/100/50
DN	Document Number (same as PN)	Number ?	DN/6954235 DN/20070220636

ECLA	ECLA Classification	Text	ECLA/G08B25/10 ECLA/G08B25*
FOS	Field of Search	Text	FOS/714/100 FOS/714/*
FREF	Foreign Patent Reference (entire string)	Text	FREF/titanium
FREFN	Foreign Patent Reference (number only)	Number ?	FREF/EP0628292
IADR	Inventor Address (entire string)	Text	IADR/"main street"
IC	Inventor City	Text	IC/Munich
ICN	Inventor Country	Text	ICN/GB
IN	Inventor Name ?	Text	IN/smith
IPC	IPC Classification	Text	IPC/A63F13/00 IPC/A63F13/*
IPCR	IPC Revised	Text	IPCR/A63F13/00 IPC/A63F13/*
IS	Inventor State (U.S.)	Text	IS/ca
ISD	Publication Date	Date ?	Single Date: ISD/1/5/2012 Range: ISD/1/1/1790->12/31/2001 Math: ISD/NOW-1MONTH->NOW
KCOD	Kind Code	Text	KCOD/b1
OREF	Other References	Text	OREF/titanium
PARN	Parent Case	Text	PARN/704,848 PARN/"application Ser. No. 704,848"
PCCL	Primary Class	Text	PCCL/702/100
PD	Publication Date	Date ?	PD/12/08/2009
PEX	Primary Examiner Name ?	Text	PEX/smith
PN	Patent Number (same as DN)	Number ?	PN/6954235 PN/20070220636
PRICN	Priority Country	Text	PRICN/FR

PRIN	Priority Number	Number ?	PRIN/83711 PRIN/837*
PRIR	Foreign Priority	Text	PRIR/9/16/1990
PT	Document Type	Text	PT/PP Possible values: U (Utility) RE (Reissue) D (Design) PP (Plant Patent)
REF	US Patent Reference (entire string)	Text	REF/aluminum
REFN	US Patent Reference (number only)	Number ?	REFN/6000000
SPEC	Specification (a.k.a. Description)	Text	SPEC/aluminum
TTL	Title	Text	TTL/aluminum

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Sleep Apnea: Ingenious Pillow Takes Atlanta By Storm

Match	Document	Document Title	Score
1	US20210219233	WAKE-UP SIGNALING FOR DISCONTINUOUS RECEPTION GROUPS Various aspects of the present disclosure generally relate to wireless communication. In some aspects, a user equipment (UE) may selectively monitor, based at least in part on a configuration of...	1000
2	WO/2021/141832A1	WAKE-UP SIGNALING FOR DISCONTINUOUS RECEPTION GROUPS Various aspects of the present disclosure generally relate to wireless communication. In some aspects, a user equipment (UE) may selectively monitor, based at least in part on a configuration of...	912
3	WO/2020/220361A1	DRX OPERATION METHOD AND RELATED DEVICE Embodiments of the present application provide a DRX operation method and a related device. The method comprises: UE, in a WUS occasion, performing WUS monitoring over a PDCCH, wherein the WUS...	703
4	WO/2021/092933A1	TECHNIQUES FOR A CONTROL CHANNEL WAKEUP SIGNAL Various aspects of the present disclosure generally relate to wireless communication. In some aspects, a user equipment (UE) may receive a wakeup signal (WUS) associated with a discontinuous...	698
5	WO/2020/224898A1	WIRELESS DEVICE-AUTONOMOUS PROCEDURES FOR MISSED-WAKE UP SIGNALS A method and wireless device (WD) for autonomous WD wake up are disclosed. According to one embodiment, a wireless device (22) configured to communicate with a network node (16) is provided. The...	592
6	WO/2020/130930A1	CONDITIONAL WAKE-UP SIGNAL CONFIGURATION FOR NEW RADIO A method by a wireless device (510) configured for Discontinuous Reception, DRX, includes monitoring (1602) for a first wakeup signal, WUS, during a first WUS monitoring occasion. In response to...	527
7	WO/2020/145624A1	METHOD AND APPARATUS FOR MONITORING PHYSICAL DOWNLINK CONTROL CHANNEL	293

		Embodiments of the disclosure provides a method and an apparatus for power saving operation in a wireless communication system, wherein the method comprises: receiving configuration information...	
8	US20200229092	METHOD AND APPARATUS FOR MONITORING PHYSICAL DOWNLINK CONTROL CHANNEL Embodiments of the disclosure provides a method and an apparatus for power saving operation in a wireless communication system, wherein the method comprises: receiving configuration information...	253
9	WO/2020/253572A1	MESSAGE TRANSMISSION METHOD AND CORRESPONDING DEVICE Disclosed is a message transmission method. A user equipment (UE) can receive a power saving message sent by a network device, the power saving message carrying indication information of a short...	191
10	WO/2021/023488A1	USER EQUIPMENT AND BASE STATION INVOLVED IN TIME-DOMAIN SCHEDULING The present disclosure relates to a user equipment (UE) that comprises a receiver, which receives, from a base station, a minimum cross-slot time-domain scheduling parameter, indicating a minimum...	50



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Samsung v. Hannibal - IPR2025-01189