

WEST Search History for Application 12901616

Creation Date: 2014121022:37

Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
20110026496 and (unique near2 symbol\$) and (prefer\$5 near3 weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (unique near4 symbol\$) and (susequent\$3 near3 weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (unique near4 symbol\$) and (weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(antenna\$2 near3 (weight\$ or gain\$)) same (pilot\$) same (cdma or (spread near2 spectrum)) same (((antenna or spacial) near3 diversity) or mimo or miso)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
mesecher.inv.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
@ad<=19990910	PGPB, USPT, USOC,	OR	YES		12-08-2014

	EPAB, JPAB, DWPI, TDBD				
((antenna\$2 near3 (weight\$ or gain\$) same (pilot\$) same (cdma or (spread near2 spectrum)) same (((antenna or spacial) near3 diversity) or mimo or miso) and (mesecher.inv.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((antenna\$2 near3 (weight\$ or gain\$) same (pilot\$) same (cdma or (spread near2 spectrum)) same (((antenna or spacial) near3 diversity) or mimo or miso) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(antenna\$2 near3 (weight\$ or gain\$ or beaom\$3)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and ((feed or close\$2) near3 loop) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(antenna\$2 near3 (weight\$ or gain\$) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB,	OR	YES		12-08-2014

	DWPI, TDBD				
((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910) and (((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910) and (375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls.) not ((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2) near3 loop) same (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) same (cdma or (spread near2 spectrum)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2) near3 loop) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum)) and (@ad<=19990910) not (((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014

<p>or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls.) or ((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and 375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls. not (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls.) ((antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and ((feed or close\$2) near3 loop) and @ad<=19990910) or ((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910))</p>					
<p>((feed or close\$2) near3 loop) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum)) and (@ad<=19990910) not (((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls.) or ((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and 375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls. not (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls.</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>OR</p>	<p>YES</p>		<p>12-08-2014</p>

or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls.
 or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls.
 or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls.
 or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls.
 or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or
 ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or
 ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or
 ((455/135)).ccls.) or ((antenna\$2 near3 (weight\$ or gain\$
 or beam\$3)) and (pilot\$) and (cdma or (spread near2
 spectrum)) and (((antenna or spacial) near3 diversity) or
 mimo or miso) and ((feed or close\$2) near3 loop) and
 @ad<=19990910) or ((antenna\$2 near3 (weight\$ or
 gain\$)) and (pilot\$) and (cdma or (spread near2
 spectrum)) and (((antenna or spacial) near3 diversity) or
 mimo or miso) and @ad<=19990910)

((feed or close\$2) near3 loop) and (antenna\$2 near3
 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread
 near2 spectrum)) and @ad<=19990910 not ((antenna\$2
 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or
 (spread near2 spectrum)) and (((antenna or spacial)
 near3 diversity) or mimo or miso) and @ad<=19990910
 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls.
 or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls.
 or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls.
 or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls.
 or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls.
 or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or
 ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or
 ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or
 ((455/135)).ccls. or (antenna\$2 near3 (weight\$ or gain\$))
 and (pilot\$) and (cdma or (spread near2 spectrum)) and
 (((antenna or spacial) near3 diversity) or mimo or miso)
 and @ad<=19990910 and 375/\$8.ccls. or 455/\$8.ccls. or
 370/\$8.ccls. not (antenna\$2 near3 (weight\$ or gain\$)) and
 (pilot\$) and (cdma or (spread near2 spectrum)) and
 (((antenna or spacial) near3 diversity) or mimo or miso)
 and @ad<=19990910 and ((375/130)).ccls. or
 ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or
 ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or
 ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or
 ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or
 ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or
 ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or
 ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or
 ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or
 (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and
 (pilot\$) and (cdma or (spread near2 spectrum)) and
 (((antenna or spacial) near3 diversity) or mimo or miso)
 and ((feed or close\$2) near3 loop) and @ad<=19990910 or
 (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and

PGPB,
 USPT,
 USOC,
 EPAB,
 JPAB,
 DWPI,
 TDBD

OR

YES

12-08-2014

<p>(cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910)) and (((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls.)</p>					
<p>(((feed or close\$2) near3 loop) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum)) and @ad<=19990910 not ((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and 375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls. not (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and ((feed or close\$2) near3 loop) and @ad<=19990910 or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910)) and (375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls.) not (((feed or close\$2) near3 loop) and</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>OR</p>	<p>YES</p>		<p>12-08-2014</p>

(antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum)) and @ad<=19990910 not ((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and 375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls. not (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and ((feed or close\$2) near3 loop) and @ad<=19990910 or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910) and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls.)

("20010030993" | "20020003846" | "20020122510" | "20020150187" | "20020154704" | "20020181430" | "20030013468" | "20030053524" | "20030058929" | "20030092456" | "3662268" | "4736460" | "4901307" | "5146475" | "5319677" | "5331666" | "5381443" |

PGPB, USPT, USOC, EPAB, JPAB,

OR

YES

12-08-2014

"5457704" "5493563" "5623511" "5652764" "5673294" "5680419" "5694388" "5757791" "5809020" "5812542" "5822380" "5822701" "5886987" "5903834" "5933424" "5952968" "5982327" "5991332" "6009074" "6026130" "6044120" "6067324" "6069884" "6081566" "6108517" "6147985" "6148041" "6154443" "6160801" "6161209" "6215762" "6335954" "6385181" "6434366" "6459740" "6470047" "6470192" "6483866" "6484285" "6501788" "6501803" "6556634" "6647070" "6694154" "6697441" "6731700" "6870825").PN.	DWPI, TDBD				
((("20010030993" "20020003846" "20020122510" "20020150187" "20020154704" "20020181430" "20030013468" "20030053524" "20030058929" "20030092456" "3662268" "4736460" "4901307" "5146475" "5319677" "5331666" "5381443" "5457704" "5493563" "5623511" "5652764" "5673294" "5680419" "5694388" "5757791" "5809020" "5812542" "5822380" "5822701" "5886987" "5903834" "5933424" "5952968" "5982327" "5991332" "6009074" "6026130" "6044120" "6067324" "6069884" "6081566" "6108517" "6147985" "6148041" "6154443" "6160801" "6161209" "6215762" "6335954" "6385181" "6434366" "6459740" "6470047" "6470192" "6483866" "6484285" "6501788" "6501803" "6556634" "6647070" "6694154" "6697441" "6731700" "6870825").PN.) and ((feed or close\$2) near3 loop) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(bocure.xp. or bocure.xa.) and (((feedback or close\$2) near3 loop) same (antenna\$2 near3 (weight\$ or gain\$ or beam\$3))) and (cdma or (spread near2 spectrum))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
6385187.pn. or 6542471.pn. or 6704370.pn. or 6791960.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (preferred near2 weight\$) and (subsequent\$3 near3 weight\$2)	PGPB, USPT,	OR	YES		12-08-2014

	USOC, EPAB, JPAB, DWPI, TDBD				
20110026496 and (preferred near2 weight\$) same (subsequent\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (preferred near2 weight\$) and (subsequent\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (preferred near2 weight\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (subsequent\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (prefer\$5 near2 weight\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2) near3 loop) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum)) and (diversity near3 combin\$3) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	OR	YES		12-08-2014

	TDBD				
((feed or close\$2) near3 loop) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum)) and (((adaptiv\$4 or adjust\$) near3 weight\$) same (diversity near3 combin\$3)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2) near3 loop) and (cdma or (spread near2 spectrum)) and (((adaptiv\$4 or adjust\$) near3 weight\$) same (diversity near3 combin\$3)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(cdma or (spread near2 spectrum)) same (diversity near3 combin\$3) same (adapt\$4 near3 weight\$3) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(diversity near3 combin\$3) same (adapt\$4 near3 weight\$3) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2) near3 loop) and (adaptiv\$4 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum)) and (diversity near3 combin\$3) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2) near3 loop) and (adaptiv\$4 near3 weight\$) and (cdma or (spread near2 spectrum)) and (diversity near3 combin\$3) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(bocure.xp. or bocure.xa.) and (((feedback or close\$2) near3 loop) same (adaptiv\$4 near3 weight\$)) and (cdma or (spread near2 spectrum))	PGPB, USPT, USOC,	OR	YES		12-08-2014

	EPAB, JPAB, DWPI, TDBD				
('5999826' '6167039' '6567462' '6754473' '6831943' '6839326' '6961545' '20010031647' '20020019235' '20020186779' '20030003873' '20030017835' '20030035490')![pn]	USPT, PGPB	OR	YES		12-08-2014
((feed or close\$2) near3 loop) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum)) and @ad<=19990910 not ((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and 375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls. not (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and ((feed or close\$2) near3 loop) and @ad<=19990910 or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910) and (adaptiv\$4 near4 weight\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2) near3 loop) same (adaptiv\$4 near3 (weight\$ or gain\$ or beam\$3)) and ((diversity near3 combin\$3) same (adaptiv\$4 near4 weight\$)) and	PGPB, USPT, USOC,	OR	YES		12-08-2014

(@ad<=19990910)	EPAB, JPAB, DWPI, TDBD				
((feed or close\$2 near3 loop) same (adaptiv\$4 near3 (weight\$ or gain\$ or beam\$3)) and ((diversity near3 combin\$3) same (weight\$)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2 near3 loop) same (adaptiv\$4 near3 (weight\$ or gain\$ or beam\$3)) and ((mimo near5 combin\$3) same (weight\$)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2 near3 loop) same (adaptiv\$4 near3 (weight\$ or gain\$ or beam\$3)) and ((weight\$ or coefficient\$) near5 combin\$4) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and ((weight\$ or coefficient\$) near5 combin\$4) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((combin\$4 or adding) near3 antenna\$2 near3 weight\$) and (pilot\$) and (cdma or (spread near2 spectrum)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (unique near4 symbol\$) and (subsequet\$3 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014

20110026496 and (combin\$4 same subsequent\$3 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (combin\$4 same preferr\$3 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (preferr\$3 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (prefer\$4 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (combin\$4 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
6359864.pn. or 5812542.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feedback or close\$2) near\$3 loop) same (antenna\$2 near\$3 (weight\$ or gain\$ or beam\$3) near\$4 combin\$3) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB,	OR	YES		12-08-2014

	JPAB, DWPI, TDBD				
((feedback or close\$2) near3 loop) same (antenna\$2 near3 (weight\$3 or gain\$3 or beam\$33) near4 combin\$3) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feedback or close\$2) near3 loop) same (antenna\$2 near3 (weight\$3 or gain\$3 or beam\$33) same combin\$4) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((assign\$4 or allocat\$3) near4 pilot\$ near4 antenna\$) same combin\$4 same weigh\$4	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((assign\$4 or allocat\$3) near4 pilot\$ near4 antenna\$) same combin\$4 same weigh\$4 and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((assign\$4 or apportion\$4 or allocat\$4 or allot\$4) near4 pilot\$ near4 antenna\$) and (combin\$4 same weigh\$4) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((combin\$3 or adding) near4 (antenna\$ near4 weight\$3)) same (base near3 (station\$ or unit\$)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
		OR	YES		12-08-2014

((feed or close\$2) near3 loop) and ((combin\$3 or adding) same (antenna\$2 near3 (weight\$ or gain\$ or beam\$3))) and (cdma or (spread near2 spectrum)) and (base near3 (station\$ or unit\$)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD				
((feedback or close\$2) near3 loop) same((combin\$3 or adding) near5 (antenna\$2 near3 (weight\$ or gain\$ or beam\$3))) same (base near3 (station\$ or unit\$)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feedback or close\$2) near3 loop) same((combin\$3 or adding) near5 (antenna\$2 near3 (weight\$ or gain\$ or beam\$3))) and (base near3 (station\$ or unit\$)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2) near3 loop) same ((combin\$3 or adding) same ((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3))) and (cdma or (spread near2 spectrum)) same (pilot\$) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2) near3 loop) same ((combin\$3 or adding) and ((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3))) and (cdma or (spread near2 spectrum)) and (pilot\$) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2) near3 loop) and ((combin\$3 or adding) and ((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3))) and (cdma or (spread near2 spectrum)) and (pilot\$) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((feed or close\$2) near3 loop) and ((diversity\$ near4 (combin\$3 or adding)) and ((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3))) and (cdma or (spread near2 spectrum)) and (pilot\$) and	PGPB, USPT, USOC, EPAB,	OR	YES		12-08-2014

(@ad<=19990910)	JPAB, DWPI, TDBD				
(diversity near3 (combin\$3 or adding)) same((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3)) same (pilot\$) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
6542471.pn. or 6704370.pn. or 6791960.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(spread\$4 near4 pilot\$) same (antena\$ near3 (weight\$3 or gain\$)) same (single near3 user)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(spread\$4 near4 pilot\$) and (antena\$ near3 (weight\$3 or gain\$)) and (single near3 user) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(spread\$4 near4 pilot\$) same (antenna\$ near3 (weight\$3 or gain\$)) same (single near3 user)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(pilot\$) same (antenna\$ near3 (weight\$3 or gain\$)) same (single near3 user)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
		OR	YES		12-08-2014

<p>(pilot\$) same (antenna\$ near3 (weight\$3 or gain\$)) same (single near3 data)</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>				
<p>((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3)) same (pilot\$) same (cdma or (spread near2 spectrum)) and (@ad<=19990910)</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>OR</p>	<p>YES</p>		<p>12-08-2014</p>
<p>((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3)) same (pilot\$) and (cdma or (spread near2 spectrum)) and (single near3 data) and (@ad<=19990910)</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>OR</p>	<p>YES</p>		<p>12-08-2014</p>
<p>((antenna\$2 near3 (weight\$ or gain\$ or beaom\$3)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and ((feed or close\$2) near3 loop) and @ad<=19990910) or ((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910) or ((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls.) or ((antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and 375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls. not (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>OR</p>	<p>YES</p>		<p>12-08-2014</p>

((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or
 ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or
 ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or
 ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or
 ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or
 ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or
 ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls.) or
 ((bocure.xp. or bocure.xa.) and (((feedback or close\$2)
 near3 loop) same (antenna\$2 near3 (weight\$ or gain\$ or
 beam\$3))) and (cdma or (spread near2 spectrum))) or
 (((feed or close\$2) near3 loop) and (antenna\$2 near3
 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread
 near2 spectrum)) and (diversity near3 combin\$3) and
 @ad<=19990910) or (((feedback or close\$2) near3 loop)
 same (antenna\$2 near3 (weight\$3 or gain\$3 or beam\$3)
 same combin\$4) and @ad<=19990910) or (((combin\$3 or
 adding) near4 (antenna\$ near4 weight\$3)) same (base
 near3 (station\$ or unit\$)) and @ad<=19990910) or
 (((feed or close\$2) near3 loop) and ((combin\$3 or adding)
 same (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)))
 and (cdma or (spread near2 spectrum)) and (base near3
 (station\$ or unit\$)) and @ad<=19990910) or (((antenna\$2
 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or
 beam\$3)) same (pilot\$) same (cdma or (spread near2
 spectrum)) and @ad<=19990910) or (((antenna\$2 or
 matrix\$ or matric\$2) near4 (weight\$ or gain\$ or
 beam\$3)) same (pilot\$) and (cdma or (spread near2
 spectrum)) and (single near3 data) and @ad<=19990910)

((antenna\$2 near3 (weight\$ or gain\$ or beaom\$3)) and
 (pilot\$) and (cdma or (spread near2 spectrum)) and
 (((antenna or spacial) near3 diversity) or mimo or miso)
 and ((feed or close\$2) near3 loop) and @ad<=19990910 or
 (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and
 (cdma or (spread near2 spectrum)) and (((antenna or
 spacial) near3 diversity) or mimo or miso) and
 @ad<=19990910 or (antenna\$2 near3 (weight\$ or gain\$))
 and (pilot\$) and (cdma or (spread near2 spectrum)) and
 (((antenna or spacial) near3 diversity) or mimo or miso)
 and @ad<=19990910 and ((375/130)).ccls. or
 ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or
 ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or
 ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or
 ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or
 ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or
 ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or
 ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or
 ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or
 (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and
 (cdma or (spread near2 spectrum)) and (((antenna or
 spacial) near3 diversity) or mimo or miso) and

PGPB,
USPT,
USOC,
EPAB,
JPAB,
DWPI,
TDBD

OR

YES

12-08-2014

@ad<=19990910 and 375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls. not (antenna\$2 near3 (weight\$ or gain\$) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or (bocure.xp. or bocure.xa.) and (((feedback or close\$2) near3 loop) same (antenna\$2 near3 (weight\$ or gain\$ or beam\$3))) and (cdma or (spread near2 spectrum)) or ((feed or close\$2) near3 loop) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum)) and (diversity near3 combin\$3) and @ad<=19990910 or ((feedback or close\$2) near3 loop) same (antenna\$2 near3 (weight\$3 or gain\$3 or beam\$33) same combin\$4) and @ad<=19990910 or ((combin\$3 or adding) near4 (antenna\$ near4 weight\$3)) same (base near3 (station\$ or unit\$)) and @ad<=19990910 or ((feed or close\$2) near3 loop) and ((combin\$3 or adding) same (antenna\$2 near3 (weight\$ or gain\$ or beam\$3))) and (cdma or (spread near2 spectrum)) and (base near3 (station\$ or unit\$)) and @ad<=19990910 or ((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3)) same (pilot\$) same (cdma or (spread near2 spectrum)) and @ad<=19990910 or ((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3)) same (pilot\$) and (cdma or (spread near2 spectrum)) and (single near3 data) and @ad<=19990910) and (((H04B7/0634) | (H04B1/707) | (H04B1/712) | (H04B2201/70701) | (H04B7/0615) | (H04B7/0617) | (H04B7/086) | (H04B1/7115) | (H04B7/0857) | (H04B7/0848) | (H04B7/0408) | (H04B7/0654) | (H04B7/088) | (H04B1/69) | (H04J13/0022) | (H04J13/16) | (H04L1/06) | (H04W16/28) | (H04Q2213/13294)).CPC. or ((455/562.1) | (455/526) | (370/335) | (370/342) | (375/E1.002) | (375/347) | (375/267) | (375/147) | (375/134) | (343/844) | (343/853) | (343/879)).CCLS. or ((H04B7/08) | (H04B1/707) | (H04B7/04) | (H04B7/02) | (H04B1/69) | (H04L1/02) | (H04L1/06) | (H04J13/00)).IPCR.)

6359864.pn. or 5982327.pn.

PGPB,
USPT,
USOC,
EPAB,
JPAB,

OR

YES

12-08-2014

	DWPI, TDBD				
('4710944' '5138327' '5491723' '5548835' '5559789' '5590409' '5598404' '5604766' '5628052' '5646937' '5799245' '5943362')![pn]	USPT, PGPB	OR	YES		12-08-2014
((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3)) and (diversity or mimo or miso) and (pilot\$) and ((spread\$4 or combin\$4 or mix\$3 or modulat\$4) near4 (user\$ near2 (data or signal\$ or symbol\$ or bit\$))) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((antenna\$2 near3 (weight\$ or gain\$ or beaom\$3)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and ((feed or close\$2) near3 loop) and @ad<=19990910 or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and 375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls. not (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or (bocure.xp. or bocure.xa.) and (((feedback or close\$2) near3 loop) same (antenna\$2 near3 (weight\$ or gain\$ or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014

<p>beam\$3))) and (cdma or (spread near2 spectrum)) or ((feed or close\$2) near3 loop) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum)) and (diversity near3 combin\$3) and @ad<=19990910 or ((feedback or close\$2) near3 loop) same (antenna\$2 near3 (weight\$3 or gain\$3 or beam\$33) same combin\$4) and @ad<=19990910 or ((combin\$3 or adding) near4 (antenna\$ near4 weight\$3)) same (base near3 (station\$ or unit\$)) and @ad<=19990910 or ((feed or close\$2) near3 loop) and ((combin\$3 or adding) same (antenna\$2 near3 (weight\$ or gain\$ or beam\$3))) and (cdma or (spread near2 spectrum)) and (base near3 (station\$ or unit\$)) and @ad<=19990910 or ((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3)) same (pilot\$) same (cdma or (spread near2 spectrum)) and @ad<=19990910 or ((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3)) same (pilot\$) and (cdma or (spread near2 spectrum)) and (single near3 data) and @ad<=19990910) and ((spread\$4 or combin\$4 or mix\$3 or modulat\$4) near4 (user\$ near2 (data or signal\$ or symbol\$ or bit\$)))</p>					
<p>((antenna\$2 near3 (weight\$ or gain\$ or beaom\$3)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and ((feed or close\$2) near3 loop) and @ad<=19990910 or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or ((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and 375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls. not (antenna\$2 near3 (weight\$ or gain\$)) and (pilot\$) and (cdma or (spread near2 spectrum)) and (((antenna or spacial) near3 diversity) or mimo or miso) and @ad<=19990910 and ((375/130)).ccls. or ((375/140)).ccls. or ((375/141)).ccls. or ((375/144)).ccls. or ((375/145)).ccls. or ((375/146)).ccls. or ((375/147)).ccls. or</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>OR</p>	<p>YES</p>		<p>12-08-2014</p>

<p>((375/148)).ccls. or ((375/267)).ccls. or ((375/299)).ccls. or ((375/295)).ccls. or ((375/316)).ccls. or ((375/346)).ccls. or ((375/347)).ccls. or ((370/335)).ccls. or ((370/342)).ccls. or ((370/441)).ccls. or ((455/39)).ccls. or ((455/73)).ccls. or ((455/91)).ccls. or ((455/101)).ccls. or ((455/132)).ccls. or ((455/133)).ccls. or ((455/134)).ccls. or ((455/135)).ccls. or (bocure.xp. or bocure.xa.) and (((feedback or close\$2) near3 loop) same (antenna\$2 near3 (weight\$ or gain\$ or beam\$3))) and (cdma or (spread near2 spectrum)) or ((feed or close\$2) near3 loop) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (cdma or (spread near2 spectrum)) and (diversity near3 combin\$3) and @ad<=19990910 or ((feedback or close\$2) near3 loop) same (antenna\$2 near3 (weight\$3 or gain\$3 or beam\$33) same combin\$4) and @ad<=19990910 or ((combin\$3 or adding) near4 (antenna\$ near4 weight\$3)) same (base near3 (station\$ or unit\$)) and @ad<=19990910 or ((feed or close\$2) near3 loop) and ((combin\$3 or adding) same (antenna\$2 near3 (weight\$ or gain\$ or beam\$3))) and (cdma or (spread near2 spectrum)) and (base near3 (station\$ or unit\$)) and @ad<=19990910 or ((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3)) same (pilot\$) same (cdma or (spread near2 spectrum)) and @ad<=19990910 or ((antenna\$2 or matrix\$ or matric\$2) near4 (weight\$ or gain\$ or beam\$3)) same (pilot\$) and (cdma or (spread near2 spectrum)) and (single near3 data) and @ad<=19990910) and ((spread\$4 or combin\$4 or mix\$3 or modulat\$4) near4 (single near3 user\$ near2 (data or signal\$ or symbol\$ or bit\$)))</p>					
<p>((antenna\$2 near3 (weight\$ or gain\$)) same (pilot\$) same (cdma or (spread near2 spectrum)) same (((antenna or spacial) near3 diversity) or mimo or miso) and ((spread\$4 or combin\$4 or mix\$3 or modulat\$4) near4 (single near3 user\$ near2 (data or signal\$ or symbol\$ or bit\$)))</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
<p>(multiplex\$4 or (serial adj2 parallel adj3 conver\$5)) same (single near3 user\$) same (cdma or spread\$3) same pilot\$ same (mimo or miso or deviersity or ((plural\$4 or multiple\$) near3 antennas)) and (@ad<=19990910)</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
<p>(multiplex\$4 or (serial adj2 parallel adj3 conver\$5)) same (single near3 user\$) same (cdma or spread\$3) same pilot\$ same (base near2 (unit\$ or station\$)) and (@ad<=19990910)</p>	PGPB, USPT, USOC, EPAB, JPAB,	OR	YES		12-08-2014

	DWPI, TDBD				
(single near3 user\$) same (cdma or spread\$3) same pilot\$ same (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((traget\$ or single) near3 user\$) and ((cdma or spread\$3) same pilot\$) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((traget\$ or intend\$3 or single) near3 user\$) same ((cdma or spread\$3) same pilot\$) and (antenna\$2 near3 (weight\$ or gain\$ or beam\$3)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
6778507.pn. or 5982327.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((spread\$4 or combin\$4 or mix\$3 or modulat\$4) near4 (single near3 user\$ near2 (data or signal\$ or symbol\$ or bit\$))) same (mimo or diversity) same (cdma or (spread adj2 spectrum)) same pilot\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(single near3 user\$ near2 (data or signal\$ or symbol\$ or bit\$)) same (mimo or diversity) same (cdma or (spread adj2 spectrum)) same pilot\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(single near3 user\$ near2 (data or signal\$ or symbol\$ or bit\$)) and (mimo or diversity) and (cdma or (spread adj2	PGPB, USPT,	OR	YES		12-08-2014

spectrum)) and pilot\$	USOC, EPAB, JPAB, DWPI, TDBD				
(single near3 user\$) same (mimo or diversity) same (cdma or (spread adj2 spectrum)) same pilot\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
@ad<=19980330	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
((single near3 user\$ near2 (data or signal\$ or symbol\$ or bit\$)) and (mimo or diversity) and (cdma or (spread adj2 spectrum)) and pilot\$) and (@ad<=19980330)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(single adj2 user\$) same (mimo or diversity) same (cdma or (spread adj2 spectrum)) same pilot\$ and (@ad<=19980330)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
(single adj2 user\$) same (mimo or diversity) same pilot\$ and (@ad<=19980330)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		12-08-2014
20110026496 and (unique near2 symbol\$) and (prefer\$5 near3 weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	OR	YES		12-08-2014