

WEST Search History for Application 12901616

Creation Date: 2014040521:36

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		04-05-2014
20110026496 and (unique near4 symbol\$) and (susequent\$3 near3 weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (unique near4 symbol\$) and (weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
(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		04-05-2014
mesecher.inv.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
@ad<=19990910	PGPB, USPT, USOC,	OR	YES		04-05-2014

	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		04-05-2014
((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		04-05-2014
(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		04-05-2014
375/\$8.ccls. or 455/\$8.ccls. or 370/\$8.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
(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		04-05-2014
(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		04-05-2014

	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		04-05-2014
((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		04-05-2014
((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	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014

<p>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 (455/134).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</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>OR</p>	<p>YES</p>		<p>04-05-2014</p>

<p>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 (455/134).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</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>OR</p>	<p>YES</p>		<p>04-05-2014</p>

(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" "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.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
((("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		04-05-2014
(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		04-05-2014
		OR	YES		04-05-2014

6385187.pn. or 6542471.pn. or 6704370.pn. or 6791960.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD				
20110026496 and (preferred near2 weight\$) and (subsequent\$3 near3 weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (preferred near2 weight\$) same (subsequent\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (preferred near2 weight\$) and (subsequent\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (preferred near2 weight\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (subsequent\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (prefer\$5 near2 weight\$)	PGPB, USPT, USOC, EPAB,	OR	YES		04-05-2014

	JPAB, DWPI, TDBD				
((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, TDBD	OR	YES		04-05-2014
((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		04-05-2014
((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		04-05-2014
(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		04-05-2014
(diversity near3 combin\$3) same (adapt\$4 near3 weight\$3) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
((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		04-05-2014
		OR	YES		04-05-2014

<p>((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)</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>				
<p>(bocure.xp. or bocure.xa.) and (((feedback or close\$2) near3 loop) same (adaptiv\$4 near3 weight\$)) and (cdma or (spread near2 spectrum))</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>OR</p>	<p>YES</p>		<p>04-05-2014</p>
<p>('5999826' '6167039' '6567462' '6754473' '6831943' '6839326' '6961545' '20010031647' '20020019235' '20020186779' '20030003873' '20030017835' '20030035490')![pn]</p>	<p>USPT, PGPB</p>	<p>OR</p>	<p>YES</p>		<p>04-05-2014</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</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>OR</p>	<p>YES</p>		<p>04-05-2014</p>

(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\$)					
((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 (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
((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		04-05-2014
((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		04-05-2014
((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		04-05-2014
(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		04-05-2014
((combin\$4 or adding) near3 antenna\$2 near3 weight\$) and (pilot\$) and (cdma or (spread near2 spectrum)) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB,	OR	YES		04-05-2014

	JPAB, DWPI, TDBD				
20110026496 and (unique near4 symbol\$) and (subsequent\$3 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (combin\$4 same subsequent\$3 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (combin\$4 same preferr\$3 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (preferr\$3 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (prefer\$4 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (combin\$4 same weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
6359864.pn. or 5812542.pn.		OR	YES		04-05-2014

	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD				
((feedback or close\$2) near3 loop) same (antenna\$2 near3 (weight\$ or gain\$ or beam\$3) near4 combin\$3) and (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
((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		04-05-2014
((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		04-05-2014
((assign\$4 or allocat\$3) near4 pilot\$ near4 antenna\$) same combin\$4 same weigh\$4	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
((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		04-05-2014
((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,	OR	YES		04-05-2014

	JPAB, DWPI, TDBD				
((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		04-05-2014
((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	OR	YES		04-05-2014
((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		04-05-2014
((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		04-05-2014
((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		04-05-2014
((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		04-05-2014
		OR	YES		04-05-2014

((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				
((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 (@ad<=19990910)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
(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		04-05-2014
6542471.pn. or 6704370.pn. or 6791960.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
(spread\$4 near4 pilot\$) same (antena\$ near3 (weight\$3 or gain\$)) same (single near3 user)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
(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		04-05-2014
(spread\$4 near4 pilot\$) same (antenna\$ near3 (weight\$3 or gain\$)) same (single near3 user)	PGPB, USPT, USOC, EPAB,	OR	YES		04-05-2014

	JPAB, DWPI, TDBD				
(pilot\$) same (antenna\$ near3 (weight\$3 or gain\$)) same (single near3 user)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
(pilot\$) same (antenna\$ near3 (weight\$3 or gain\$)) same (single near3 data)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
((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)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
((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)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
((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	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014

(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 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)

((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)

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

OR

YES

04-05-2014

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 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, DWPI, TDBD	OR	YES		04-05-2014
('4710944' '5138327' '5491723' '5548835' '5559789' '5590409' '5598404' '5604766' '5628052' '5646937' '5799245' '5943362')![pn]	USPT, PGPB	OR	YES		04-05-2014
20110026496 and (unique near2 symbol\$) and (prefer\$5 near3 weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (unique near4 symbol\$) and (susequent\$3 near3 weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
20110026496 and (unique near4 symbol\$) and (weight\$2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		04-05-2014
(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		04-05-2014
mesecher.inv.	PGPB, USPT, USOC, EPAB,	OR	YES		04-05-2014