

Title (en)  
AGGREGATE RADIATED POWER CONTROL FOR MULTI-BAND/MULTI-MODE SATELLITE RADIOTELEPHONE COMMUNICATIONS SYSTEMS AND METHODS

Title (de)  
AGGREGATSTRAHLUNGSLEISTUNGSREGELUNG FÜR MEHRBAND-/MULTIMODUS-SATELLITENFUNKFERNSPRECHKOMMUNIKATIONSSYSTEME UND -VERFAHREN

Title (fr)  
COMMANDE DE LA PUISSANCE DE RAYONNEMENT TOTALE POUR SYSTEMES ET PROCEDES DE COMMUNICATION PAR TELEPHONE CELLULAIRE SATELLITE MULTIBANDE/MULTIMODE

Publication  
**EP 1618730 A4 20100825 (EN)**

Application  
**EP 04750526 A 20040414**

Priority

- US 2004012541 W 20040414
- US 46710003 P 20030501

Abstract (en)  
[origin: WO2004100501A2] A satellite radiotelephone system includes a space-based component that is configured to communicate with multiple radiotelephones over multiple frequency bands and/or multiple air interfaces. An ancillary terrestrial network is configured to communicate terrestrially with the multiple radiotelephones over substantially the multiple frequency bands and/or substantially the multiple air interfaces. An aggregate radiated power controller is configured to limit an aggregate radiated power by the multiple radiotelephones to a maximum aggregate radiated power.

IPC 8 full level  
**A61P 15/18** (2006.01); **H04B 7/005** (2006.01); **H04B 7/185** (2006.01); **H04M 1/00** (2006.01); **H04W 52/34** (2009.01)

CPC (source: EP KR)  
**A61P 15/18** (2017.12 - EP); **H04B 7/18563** (2013.01 - EP); **H04W 52/30** (2013.01 - KR); **H04W 52/343** (2013.01 - EP); **H04W 84/06** (2013.01 - KR); **H04B 7/18543** (2013.01 - EP)

Citation (search report)

- [X] US 5394561 A 19950228 - FREEBURG THOMAS A [US]
- [A] WO 03026140 A2 20030327 - MOBILE SATELLITE VENTURES LP [US], et al
- [A] WO 0211302 A2 20020207 - MOBILES SATELLITE VENTURES LLC [US], et al
- [A] HARRI HOLMA, ANTTI TOSKALA: "WCDMA for UMTS", 1 June 2001, WILEY, ISBN: 0471486876, article CHAPTER 8: RADIO NETWORK PLANNING, XP002590091
- [A] HOLMA, TOSKALA: "WCDMA for UMTS", 1 June 2001, WILEY, ISBN: 0471486876, article CHAPTER 9: RADIO RESOURCE MANAGEMENT, XP002590092
- See references of WO 2004100501A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004100501 A2 20041118; WO 2004100501 A3 20051020**; AU 2004237669 A1 20041118; AU 2004237669 B2 20090702; AU 2004237669 C1 20091126; BR PI0407464 A 20060214; CA 2515209 A1 20041118; CA 2515209 C 20180213; CA 2989660 A1 20041118; CA 2989660 C 20201215; CA 3096205 A1 20041118; CN 1799208 A 20060705; CN 1799208 B 20120711; EP 1618730 A2 20060125; EP 1618730 A4 20100825; JP 2006525752 A 20061109; KR 20060014365 A 20060215; MX PA05008651 A 20051018

DOCDB simple family (application)  
**US 2004012541 W 20040414**; AU 2004237669 A 20040414; BR PI0407464 A 20040414; CA 2515209 A 20040414; CA 2989660 A 20040414; CA 3096205 A 20040414; CN 200480004172 A 20040414; EP 04750526 A 20040414; JP 2006513245 A 20040414; KR 20057015008 A 20050813; MX PA05008651 A 20040414