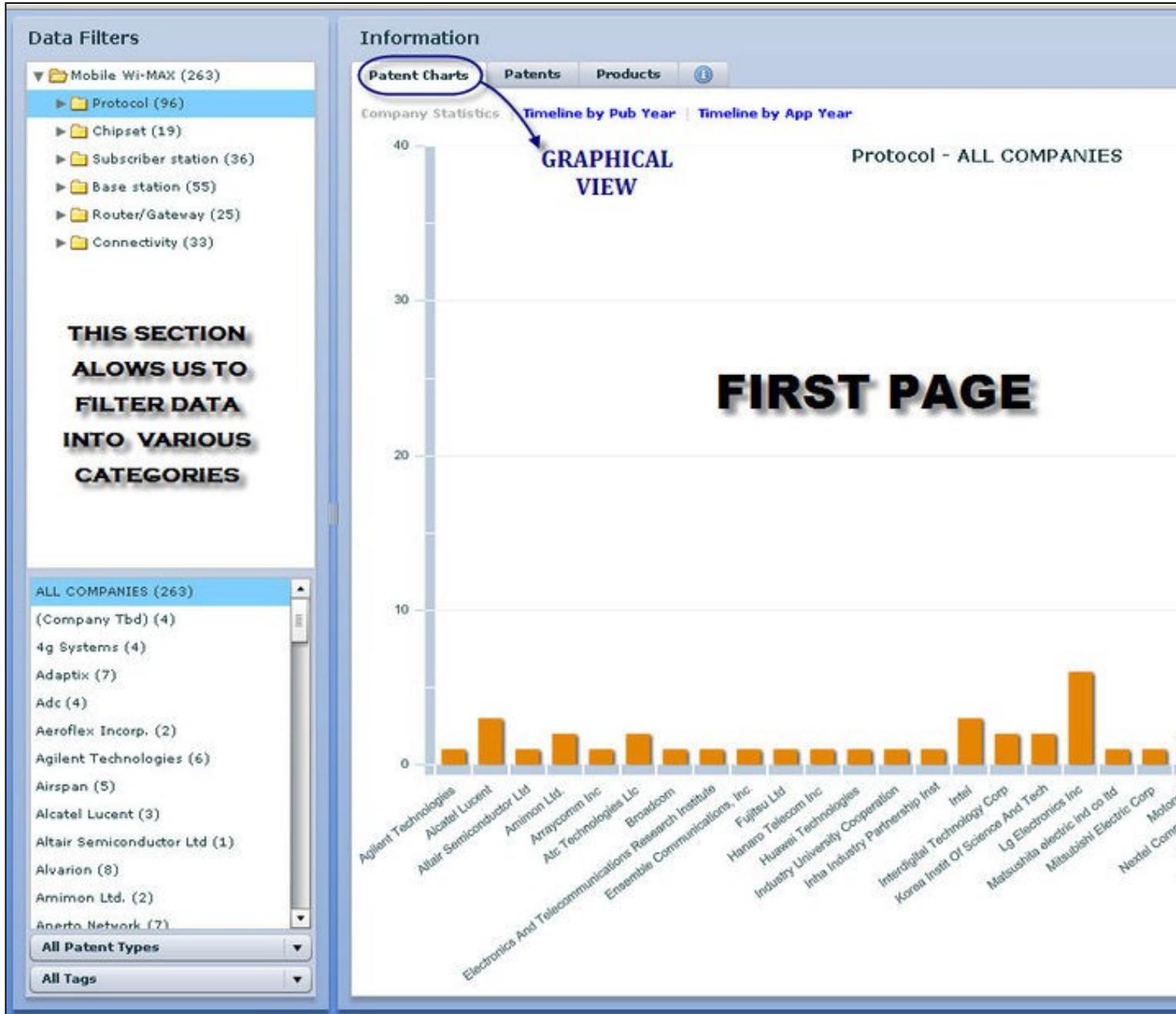


WiMAX Dashboard Screenshots

Key Aspects of the WiMAX Dashboard



Data Filters

Mobile Wi-MAX (263)

- Protocol (96)
- Chipset (19)
- Subscriber station (36)
- Base station (55)
- Router/Gateway (25)
- Connectivity (33)

ALL COMPANIES (263)

- (Company Tbd) (4)
- 4g Systems (4)
- Adaptix (7)
- Adc (4)
- Aeroflex Incorp. (2)
- Agilent Technologies (6)
- Airspan (5)
- Alcatel Lucent (3)
- Altair Semiconductor Ltd (1)
- Alvarion (8)
- Amimon Ltd. (2)
- Anerto Network (7)

All Patent Types

All Tags

Information

Patent Charts

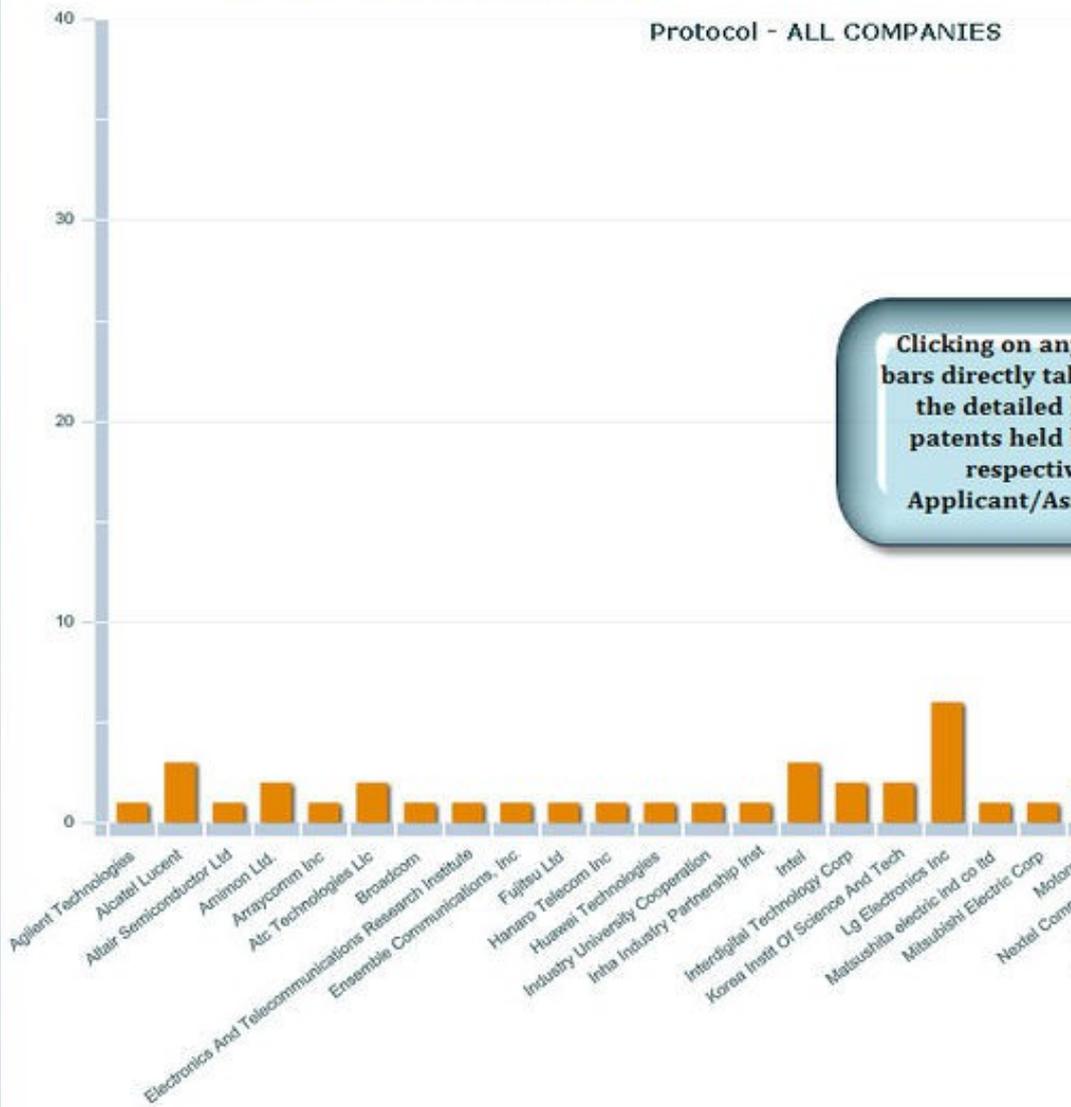
Patents

Products



Company Statistics | [Timeline by Pub Year](#) | [Timeline by App Year](#)

Protocol - ALL COMPANIES



Clicking on any bars directly takes you to the detailed patents held by that respective Applicant/Assignee



Data Filters

- Mobile Wi-MAX (263)
 - Protocol (96)
 - Chipset (19)
 - Subscriber station (36)
 - Base station (55)
 - Router/Gateway (25)
 - Connectivity (33)

- Samsung (46)
- Sbc Knowledge Ventures, L.P. (1)
- Sequans Communication (3)
- Sk Technologies (1)
- Solectek (2)
- Sr Telecom Inc. (1)
- Stella Doradus (1)
- Stmicroelectronics S.R.L (1)
- Telecis Wireless (1)
- Telefonaktiebolaget Lm Ericsson (P
- Telsima (2)
- Toshiba (1)
- Waay Inc (1)

All Patent Types

All Tags

Information

Patent Charts Patents Products

DETAILED LIST VIEW

Publication	Title
US20070173198A1	Method and system for allocating resource in a communication system
US20070155338A1	Apparatus and method for transmitting data using adaptive modulation
US20070155337A1	Method and apparatus for scheduling in a communication system
US20070155315A1	Apparatus and method for transparent relaying in a multi-hop relay cellu
US20070153734A1	Apparatus and method for transparent relay in multihop relay broadband
US20070153698A1	Method and apparatus for managing connection identifiers in a multi-hop
EP1806945A2	Apparatus and method of providing relay service in broadband wireless
US20070180162A1	Method for controlling memory in mobile communication system
US20070183544A1	Apparatus and method for receiving a signal in a communication system
US20070183312A1	Apparatus and method for allocating radio frequency band resource in sp
US20070191015A1	Method and system for transmitting/receiving data in a communication s
US20070190945A1	Apparatus and method for receiving a signal in a communication system
EP1821446A2	Apparatus and method for using automatic repeat request in a broadba
US20070195741A1	Method of scheduling data traffic in wireless communication system
EP1826972A2	Apparatus and method for channel estimation for data demodulation in b
EP1827052A2	System and method for updating an active base station set in a commun
US20070202882A1	Method and system for ranging in communication system
EP1830490A1	Apparatus and method for supporting relay service in a multi-hop relay b
US20070206561A1	Method and system for transmitting/receiving data in a communication s
WO2007100232A1	Apparatus and method for supporting relay service in a multi-hop relay b
EP1833187A1	Method for transmitting/receiving a signal in a communication system

US20070173198A1
Method and system for allocating resource in a communication system

US Class (primary): 4550631
IPC Class (primary): H04B00100

Abstract:

A method for allocating resource in a communication system. The resource

Claims:

1. A method for allocat
method comprising: di
and a second region; a
Mobile Station (MS) an
region; and allocating
among the MSs is an M

US20070173198A1 Rating: -- Tags: resource allocation



Data Filters

- Mobile Wi-MAX (263)
 - Protocol (96)
 - Chipset (19)
 - Subscriber station (36)
 - Base station (55)
 - Router/Gateway (25)
 - Connectivity (33)

- Samsung (46)
- Sbc Knowledge Ventures, L.P. (1)
- Sequans Communication (3)
- Sk Technologies (1)
- Solectek (2)
- Sr Telecom Inc. (1)
- Stella Doradus (1)
- Stmicroelectronics S.R.L (1)
- Telecis Wireless (1)
- Telefonaktiebolaget Lm Ericsson (P
- Telsima (2)
- Toshiba (1)
- Waay Inc (1)

All Patent Types

All Tags

Information

Patent Charts
Patents
Products
i

Publication	Title
US20070173198A1	Method and system for allocating resource in a communication system
US2007015533	
US2007015533	
US2007015531	
US2007015373	
US2007015369	
EP1806945A2	
US2007018016	
US2007018354	
US2007018331	
US2007019101	
US2007019094	
EP1821446A2	
US2007019574	
EP1826972A2	
EP1827052A2	
US2007020288	
EP1830490A1	
US2007020656	
WO200710023	
EP1833187A1	

US20070173198A1
Method and system

US Class (primary)
 IPC Class (primary)

Abstract:
 A method for allocat

**PULLS UP
THE FIRST
PAGE OF
EACH PATENT
DOCUMENT**

United States
Patent Application Publication
 Kim et al.

(54) METHOD AND SYSTEM FOR ALLOCATING RESOURCE IN A COMMUNICATION SYSTEM

(51) Int. Cl. Yng-Sook Kim, Seock-ii (KR), Soon-Hyung Yoon, Seock (KR), Jung-Ho Han, Seock-ii (KR), Ki-Yong Han, Yung-Joo (KR), Joon-Moon Song (KR), Joo-Hyeon Lee, Eun-oo (KR), Ki-wook Ewang, Seung-ii (KR)

Correspondence Address: THE FARRELL LAW FIRM, P.C., 222 EARLE DRIVINGTON BOULEVARD, SUITE 701, WINDDALE, NY 11853 (US)

(73) Applicant: SAMSUNG ELECTRONICS CO., LTD., Suwon (KR)

(21) Appl. No.: 11664,710

```

    graph TD
      START([START]) --> 501[DIVIDE DATA TRANSMISSION REGION INTO INTERFERENCE REGION AND NON-INTERFERENCE REGION]
      501 --> 503[RECEIVE MS INFO AND C-CHANNEL INFO]
      503 --> 505{MS IN INTERFERENCE REGION?}
      505 -- NO --> 507[ALLOCATE RESOURCE OF INTERFERENCE REGION]
      505 -- YES --> 507
      507 --> 511[TRANSMIT DATA WITH ALLOCATED RESOURCE]
      511 --> END([END])
    
```



Data Filters

- Mobile Wi-MAX (263)
 - Protocol (96)
 - Chipset (19)
 - 1 GHz (1)
 - 2.3 - 2.5 GHz (2)
 - 3.3 - 3.8 GHz (3)
 - 2.x - 3.x GHz (2)
 - Not Available (7)
 - 5.8 GHz (1)
 - Subscriber station (36)
 - Base station (55)
 - Router/Gateway (25)
 - Connectivity (33)

- Samsung (46)
 - Sbc Knowledge Ventures, L.P. (1)
 - Sequans Communication (3)
 - Sk Technologies (1)
 - Solectek (2)
 - Sr Telecom Inc. (1)
 - Stella Doradus (1)
 - Stmicroelectronics S.R.L (1)
 - Telecis Wireless (1)
 - Telefonaktiebolaget Lm Ericsson (P
 - Telsima (2)
 - Toshiba (1)
 - Waay Inc (1)
- All Patent Types
- All Tags

Information

- Patent Charts Patents **Products** ⓘ

Name

- AT86RF525B
- AT86RF535B
- BCS200 Chipset
- MS120 Chipset
- ComMAX CM1100
- MSC8144
- WiMAX Connection 2250**
- NW1000 Platform
- NW2000 Platform
- SQN1110
- SQN1130
- SQN2130
- N/A

PRODUCT CLASSIFICATION AND CATEGORIZATION

WiMAX Connection 2250 Intel

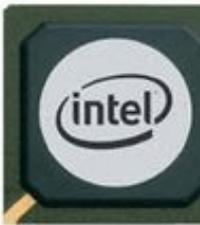
Description:

* OFDM 256 PHY mode with support for channel bandwidths up to 10 MHz * TDD and H/FDD duplexing modes * Concatenated Reed-Solomon and Convolutional Encoding Forward Error Correction * Adaptive modulation (BPSK, QPSK, QAM16, QAM64) * Enhanced link budget support * Payload Header Suppression * IPv4, IPv6, 802.3 Convergence Sub-Layers * ARQ, HARQ * UGS, RT-VR, NRT-VR, ERT-VR, and BE QoS classes * Sleep and Idle mode power management support * 802.16 Authorization Policy and EAP Authorization Category: System on Chip (SoC) Spectrum Frequency: N/A

Summary:

null

Provision of the DOLCERA SUMMARY, which highlights the key aspects of the document (patent as well as non-patent literature)



WiMAX Connection ... Tags:

My comments

