



## Data Filters

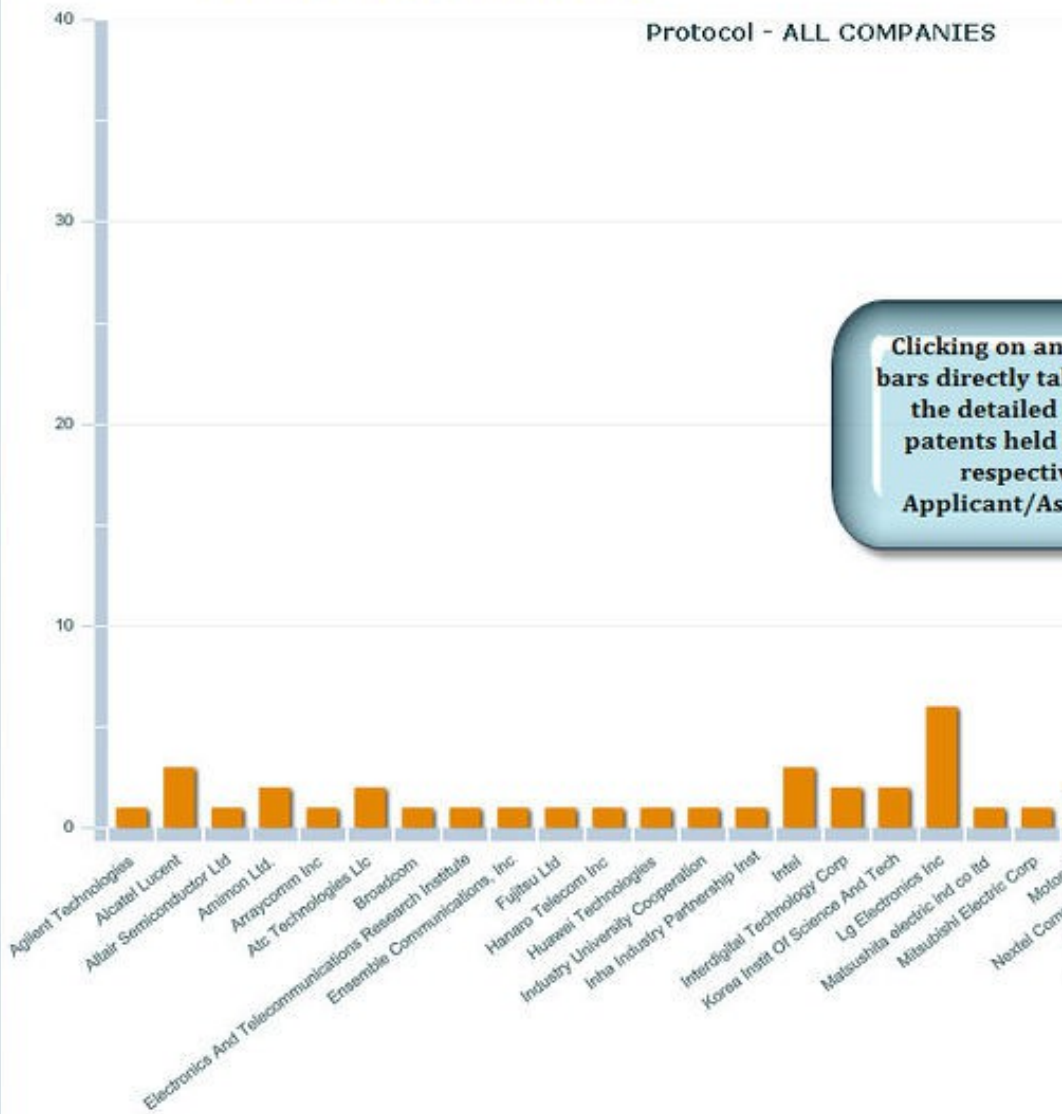
- Mobile Wi-MAX (263)
  - Protocol (96)
  - Chipset (19)
  - Subscriber station (36)
  - Base station (55)
  - Router/Gateway (25)
  - Connectivity (33)

- 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](#)



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- 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
- Info

**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



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  - Protocol (96)
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- Telsima (2)
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- Waay Inc (1)

All Patent Types

All Tags

### Information

Patent Charts
Patents
Products
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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



(7) **United States**  
 (2) **Patent Application Publication**  
 Kim et al.

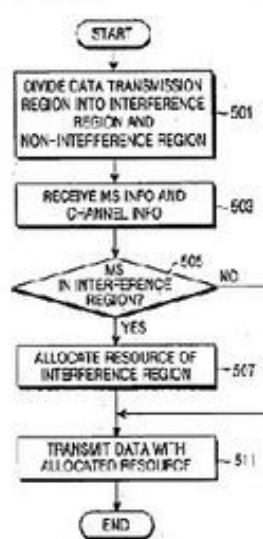
(54) **METHOD AND SYSTEM FOR ALLOCATING RESOURCE IN A COMMUNICATION SYSTEM**

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

(21) **App. No.:** 11664,710



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

### Name

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

### 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

