

BlackBerry: Portfolio Report

Introduction

BlackBerry Limited (formerly known as Research in Motion) is a Canadian company specializing in mobile communication solutions and enterprise software and services. It is known for its BlackBerry brand of smartphones and tablets that occupied a major share of the smartphone market in 2009-10. BlackBerry phones went out of sight as the market witnessed a major shift in 2013-14. ^[1]

Along with realigning its business strategy related to smartphones, BlackBerry has turned to other revenue sources that include growing its presence in the data security and autonomous vehicles markets, and monetizing its patent assets. BlackBerry owns a significantly large portfolio of patent assets that relates to wireless communications, operating systems, cybersecurity, networking infrastructure and other related technologies. The company revamped its patent strategy towards the end of 2017 and entered into an agreement with the patent licensing company, Teletry, to grow its licensing revenues from its patented technologies. ^[2]

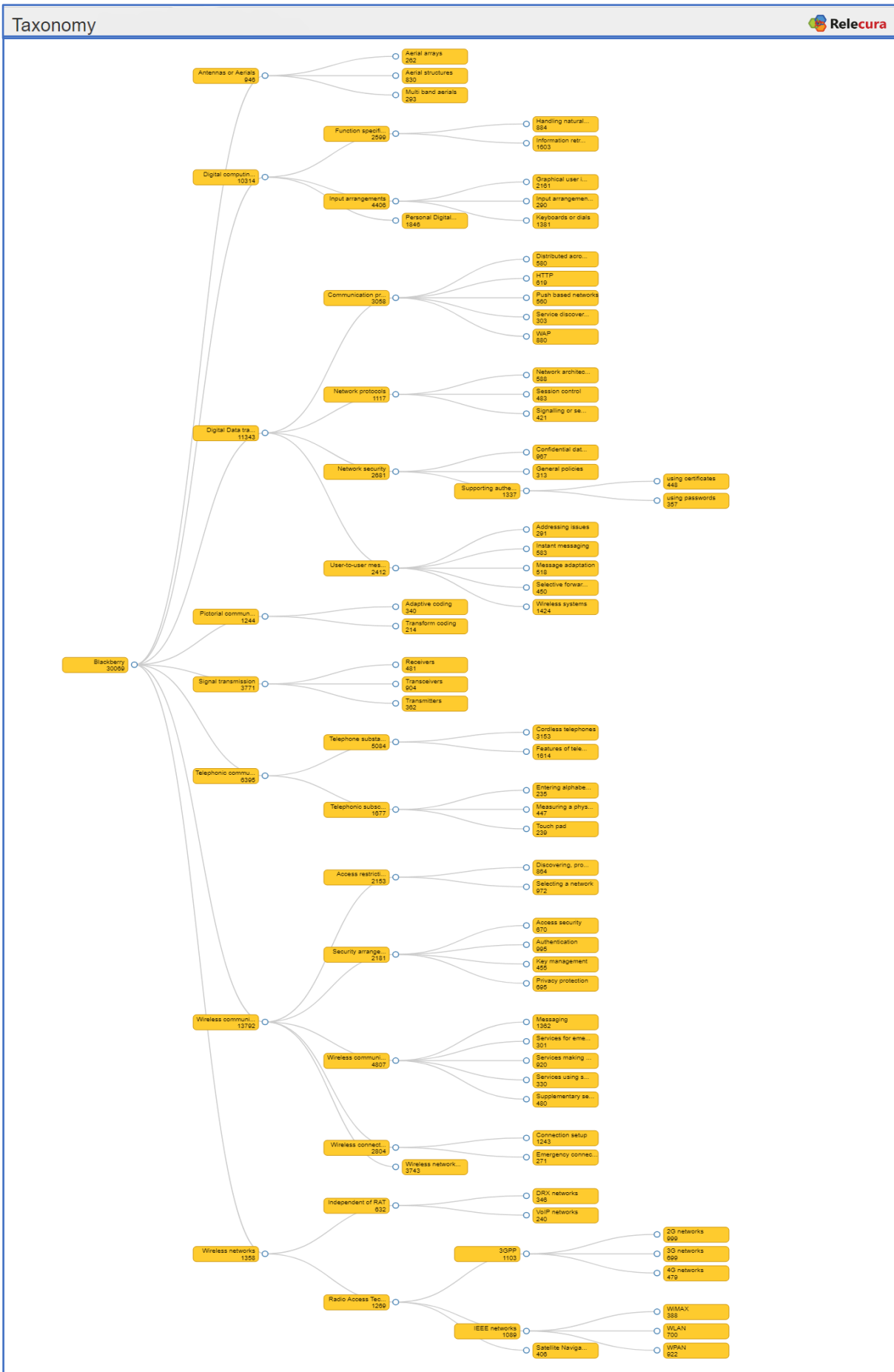
In terms of its licensing strategy, BlackBerry has pivoted from a defensive stance to an aggressive one in recent times. BlackBerry's patent licensing business generated \$50 million in revenues in fiscal Q3 2018 ^[3]. This report takes a closer look at the patent assets held by BlackBerry that are currently in force. It includes a portfolio taxonomy and provides insights into various aspects of the overall portfolio.

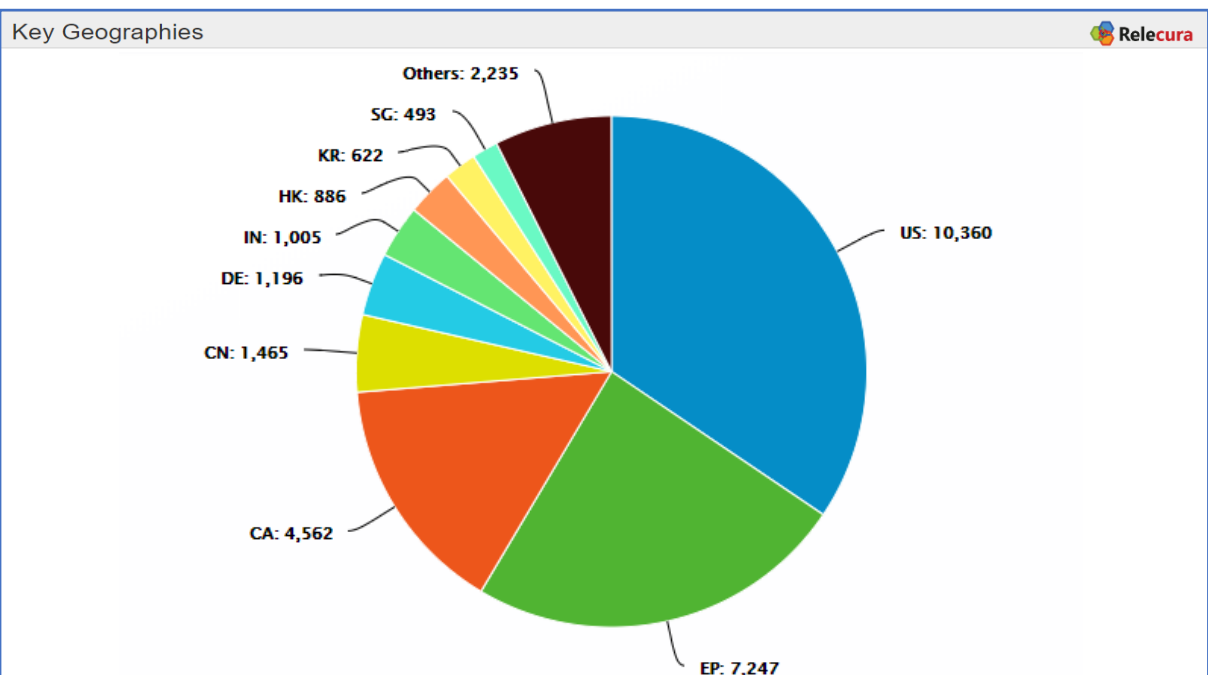
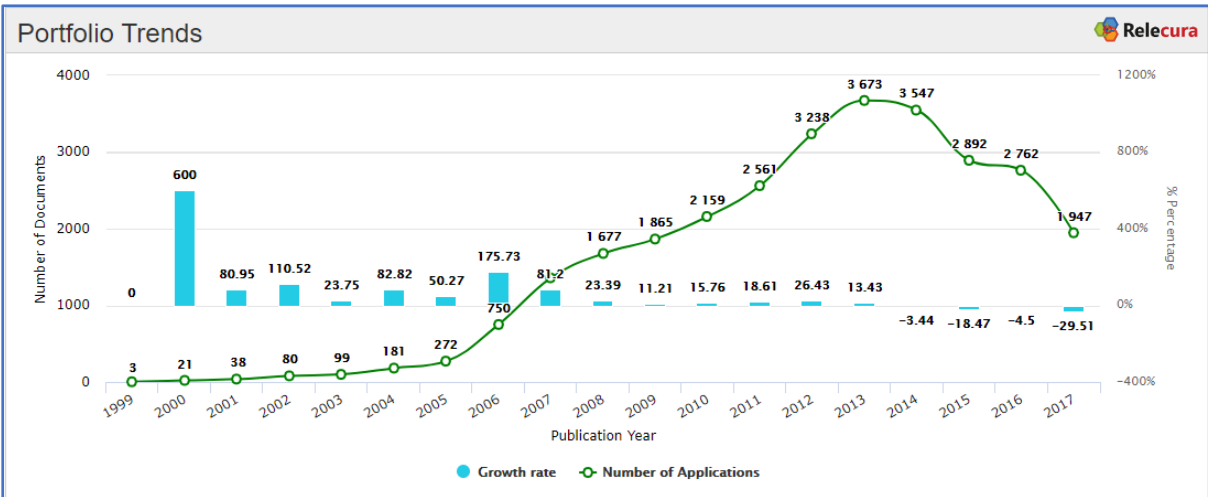
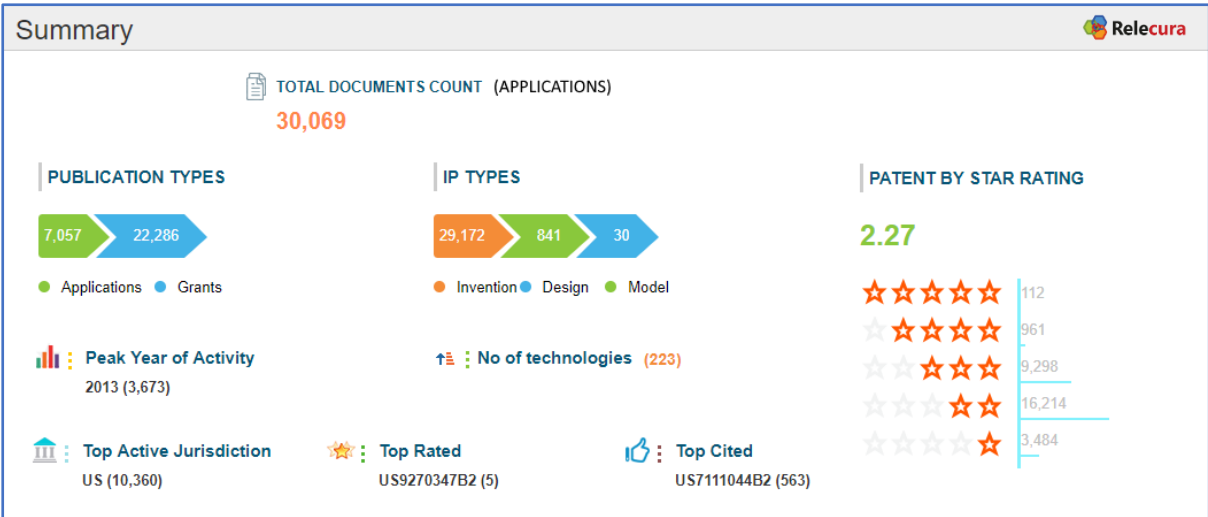
Contents


- Taxonomy
- Summary
- Portfolio trends
- Key geographies
- Key technologies
- Analysis of key technologies
- Key sub-technologies
- Evolution of key sub-technologies
- Patent quality
- Key patents
- Top forward citing (FC) assignees
- Technology focus of FC assignees
- Key acquisitions
- Topic map - Concepts


Sources


1. [ComScore Reports December 2009 U.S. Mobile Subscriber Market Share](#) (comScore.com)
2. [BlackBerry Seeks New Life from Old Patents to Stem Sales Decline](#) (Bloomberg.com)
3. [Why BlackBerry Outsourced Its Patent Licensing Efforts](#) (marketrealist.com)

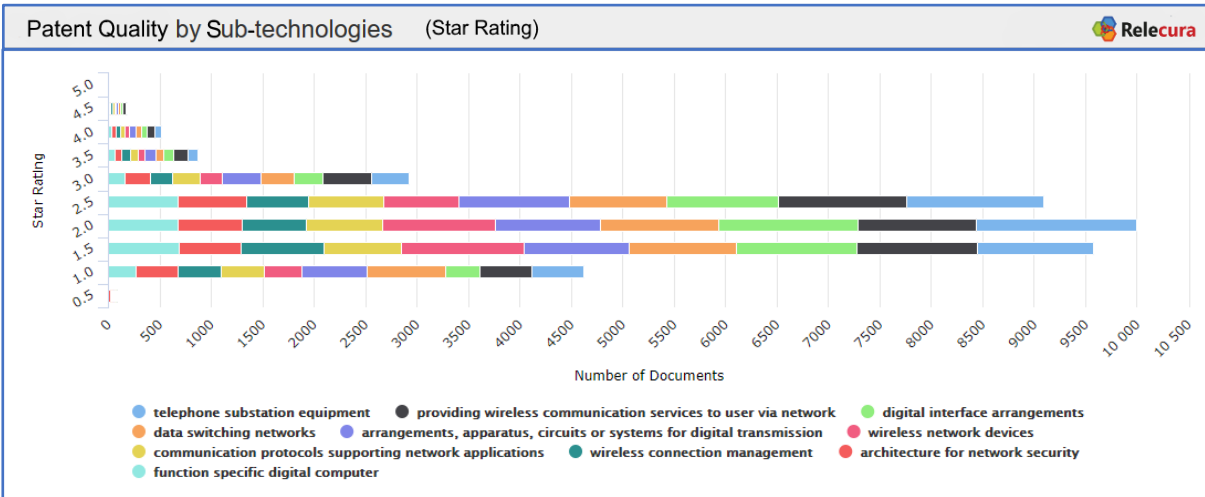
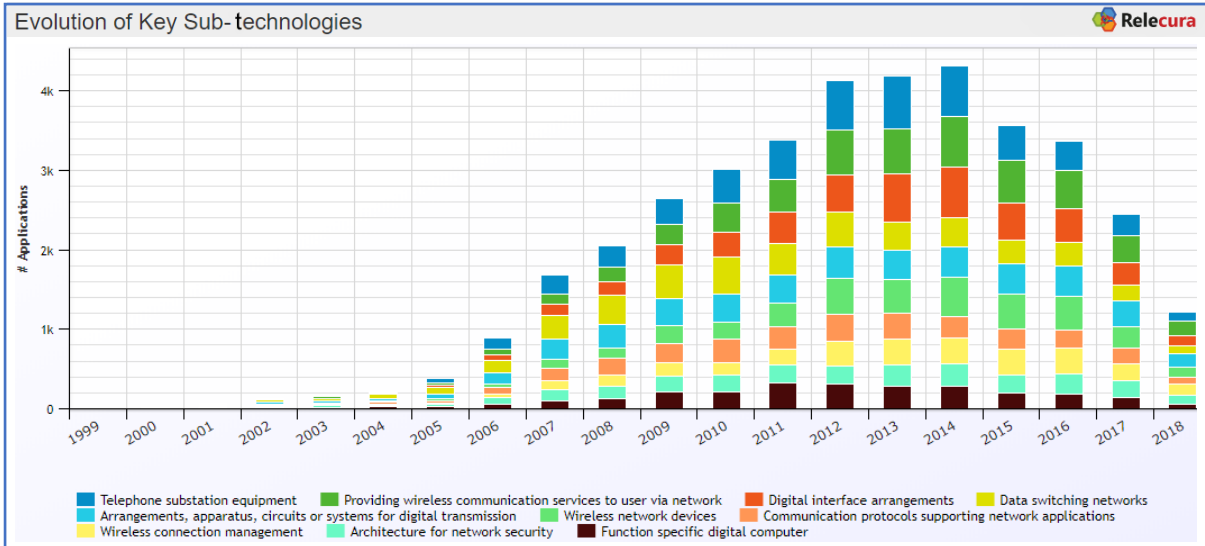




Key Technologies		
Technologies	# Applications	
Wireless Communication Networks	13780	
Data Transmission	11309	
Digital Data Processing	10293	
Telephonic Communication	6386	
Signal Transmission	3762	
Data Processing Systems	2017	
Pictorial Communication	1241	
Communication Switches & Relays	965	
Electric Elements - Aerials	943	
Displays (Circuits)	831	

Analysis of Key Technologies					
Technologies	Applications	Grants	Sub Technologies	Geographies	
wireless communication networks	2824	10583	providing wireless communication services to user via network (4805) , wireless network devices (3737) , data switching networks (2999) , wireless connection management (2803) , arrangements, apparatus, circuits or systems for digital transmission (2728)	US (4051) , CA (3064) , EP (2689) , CN (871) , DE (530)	
data transmission	2264	8655	data switching networks (4390) , arrangements, apparatus, circuits or systems for digital transmission (4282) , communication protocols supporting network applications (3058) , providing wireless communication services to user via network (3030) , architecture for network security (2681)	US (3642) , EP (2502) , CA (1746) , CN (702) , DE (548)	
digital data processing	2731	7303	digital interface arrangements (4406) , function specific digital computer (2593) , telephone substation equipment (2278) , other data processing equipment (1842) , digital computers and data processing devices (1813)	US (3870) , EP (2530) , CA (1871) , CN (369) , DE (360)	
telephonic communication	1226	5024	telephone substation equipment (5080) , providing wireless communication services to user via network (1685) , telephonic subscriber devices (1677) , automatic or semi-automatic telephone exchanges (1509) , digital interface arrangements (1380)	US (2400) , EP (1601) , CA (999) , DE (300) , CN (242)	
signal transmission	630	3038	radio transmission (1852) , details of transmission systems (1694) , telephone substation equipment (729) , wireless network devices (709) , wireless resource management (643)	US (1569) , EP (603) , CA (478) , CN (244) , KR (201)	

Key Sub-technologies		
Sub-Technologies	# Applications	
Telephone substation equipment	5080	
Providing wireless communication services to user via network	4802	
Digital interface arrangements	4406	
Data switching networks	4365	
Arrangements, apparatus, circuits or systems for digital transmission	4290	
Wireless network devices	3736	
Communication protocols supporting network applications	3058	
Wireless connection management	2803	
Architecture for network security	2681	
Function specific digital computer	2,591	



Key Patents in portfolio

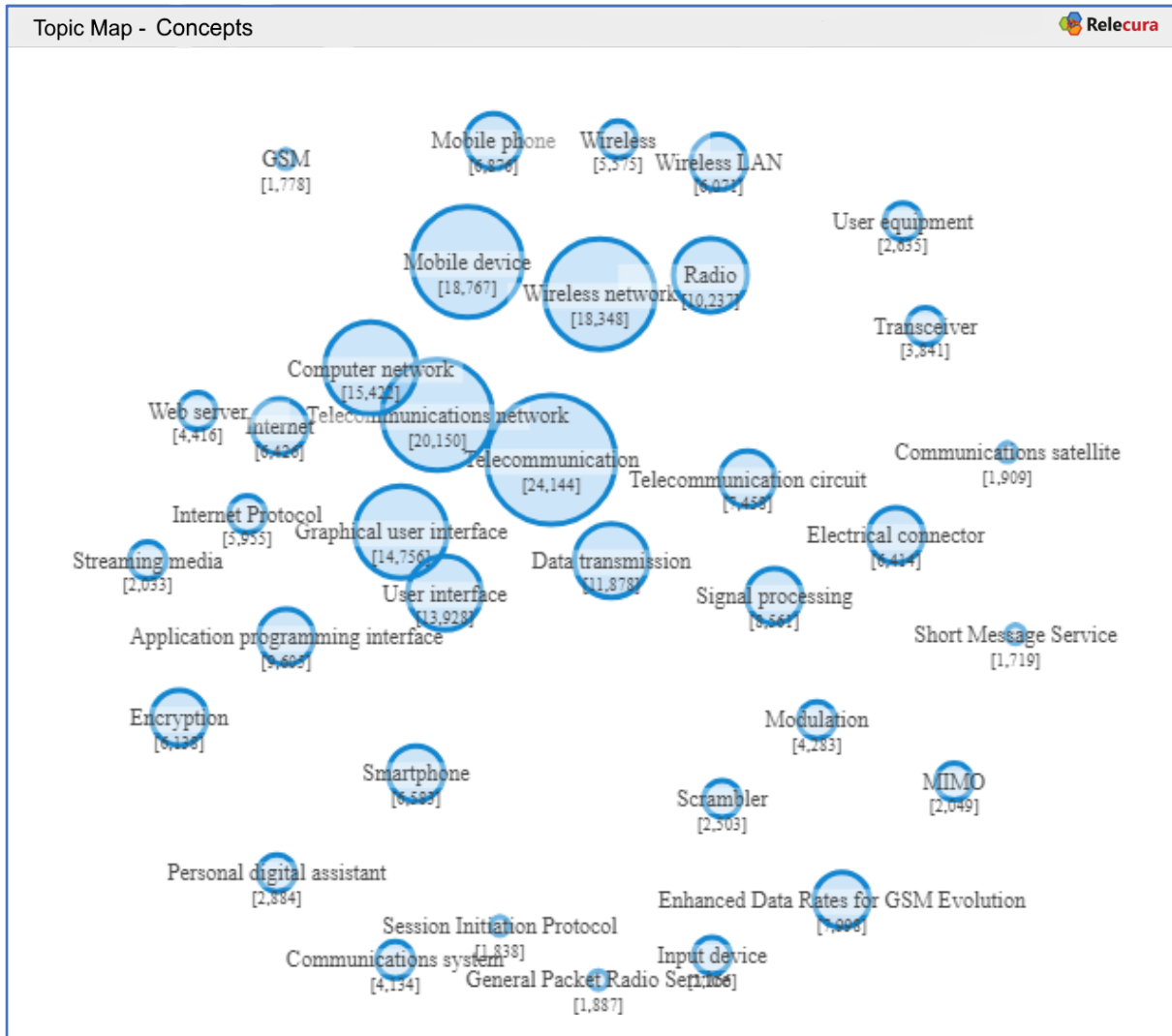
Publication No.	Title	Inventor	Filing Date	Star Rating	#Fwd Citations
US9220028B2	Methods and apparatus to perform measurements	Takashi Suzuki, Christopher Harris Snow, Nazih Almalki, Ayman Ahmed Abdel-Samad, Dinesh Kumar Arora, Richard Burbidge, Gordon Young, Xusheng Wei	2010-02-12	5.0	140
US9585164B2	System and method for multi-carrier network operation	Mo-Han Fong, Youn Hyoung Heo	2010-09-24	5.0	88
US9270347B2	Reference signal for a coordinated multi-point network implementation	Mo-han Fong, Dongsheng Yu, Hua Xu, Robert Novak, Shiguang Guo, Zhijun Cai, Youn Hyoung Heo	2011-02-14	5.0	66
US9253589B2	Wireless local area network hotspot registration using near field communications	Stephen McCann, Michael Peter Montemurro, Roger Paul Durand, Sanjay Nathwani	2012-03-12	4.5	66
US9361603B2	System and method for globally and securely accessing unified information in a computer network	Daniel J. Mendez, Mark D. Riggins, Prasad Wagle, Hong Q. Bui, Mason Ng, Sean Michael Quinlan, Christine C. Ying, Christopher R. Zuleeg, David J. Cowan, Joanna A. Aptekar-Strober, R. Stanley Bailes	2011-03-02	4.5	68

Top Forward Citing Assignees	
FC Assignees	# Applications
SAMSUNG	3094
QUALCOMM	2083
MICROSOFT	1847
APPLE	1803
NOKIA	1649
LG	1488
GOOGLE	1413
IBM	1,330



Key Acquisitions of the portfolio

Seller	Number of Applications	Technologies
PARATEK MICROWAVE INC	200	signal transmission (90) , electric elements - aerials (88) , impedance networks & resonant circuits (78) , electric elements - waveguides (69) , electric elements - capacitors (44)
ONTARIO INC 2012244	196	digital data processing (186) , displays(circuits) (48) , coders & decoders (35) , telephonic communication (30) , pulse techniques (25)
SLIPSTREAM DATA INC	134	pictorial communication (86) , data presentation (34) , image data processing (32) , coders & decoders (31) , data transmission (22)
M-STACK LIMITED	129	wireless communication networks (122) , data transmission (46) , signal transmission (20) , telephonic communication (14) , multiplex communication (9)
NORTEL	123	wireless communication networks (205) , data transmission (193) , signal transmission (148) , multiplex communication (54) , telephonic communication (34)



[Click here](#)

To set up your **Relecura** account

Disclaimer

This document is provided for information purposes only and the contents hereof are subject to change without notice. This document, including the information and analysis and any opinion or recommendation, is neither legal advice nor intended for investment purposes. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. Relecura Inc. specifically disclaims any liability with respect to this document and no contractual obligations are formed either directly or indirectly by this document.

About Relecura

Relecura is a full-stack cognitive cloud platform that provides custom intelligence and reports on patent portfolios, technologies and companies. It does this by capturing and organizing the knowledge from various document repositories (patents, scientific literature) and subject matter experts in a flexible and collaborative manner, into a knowledge-base.

Relecura offers IP analytics tools and a custom enterprise platform to corporations, law firms, IP services firms, R&D organizations and academic institutions. The enterprise platform integrates the discovery and analysis of public documents with internal company documents. Relecura also has an API to help create custom tools for IP and business intelligence.