



# Observatorio de ciencia y tecnología USTA



## RESUMEN

Este informe de entrega una consulta del estado de las patentes del tema “Análisis y Evaluación de Riesgos en Ingeniería Civil” de forma general. Se presenta la publicación y presentación por año, las palabras con mayor concurrencia, información de asignación por solicitantes y caracterización por industria y países. Este es un insumo para la comunidad académica USTA cuyo objetivo es potenciar la transferencia de conocimiento y tecnología al sector productivo del país.

Palabras Claves: Patentes, Informe de patentes, Evaluación de riesgos, Ingeniería Civil, Análisis de riesgos

## ABSTRACT

This report provides a general patent status query on the topic "Risk Analysis and Evaluation in Civil Engineering". The publication and presentation by year are presented, the words with the highest concurrence, allocation information by applicants and characterization by industry and countries. This is an input for the USTA academic community whose objective is to promote the transfer of knowledge and technology to the country's productive sector.

Keywords: Patents, Patent Landscapes Reports, Risk Assessment, Civil Engineering, Risk Analysis



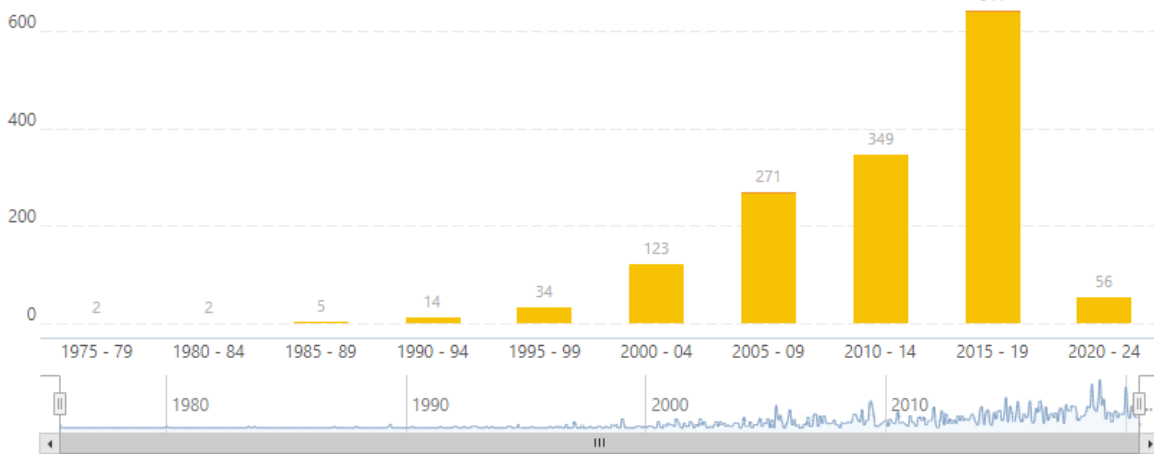


Gráfico 2. Aplicaciones por año (Fuente: IQ Plus)

access al **analysis** analyze application assess assessment asset building  
 business calculate call civil company compare computer **data** database  
 decision **determine** development disaster display document earthquake  
**engineering** entity estimate et **evaluate** factor figure health identify  
 image implement index **information** manage management measurement  
**model** module monitor network new organization parameter plan predict  
 prediction program project record **report** research **risk** safety sample score  
 security sensor server **service** site software step store study table  
 technology test user value was water we were work years

Gráfico 3. Nube de palabras de las palabras con mayor concurrencia en las patentes (Fuente: IQ Plus)

# Observatorio de ciencia métrica USTA

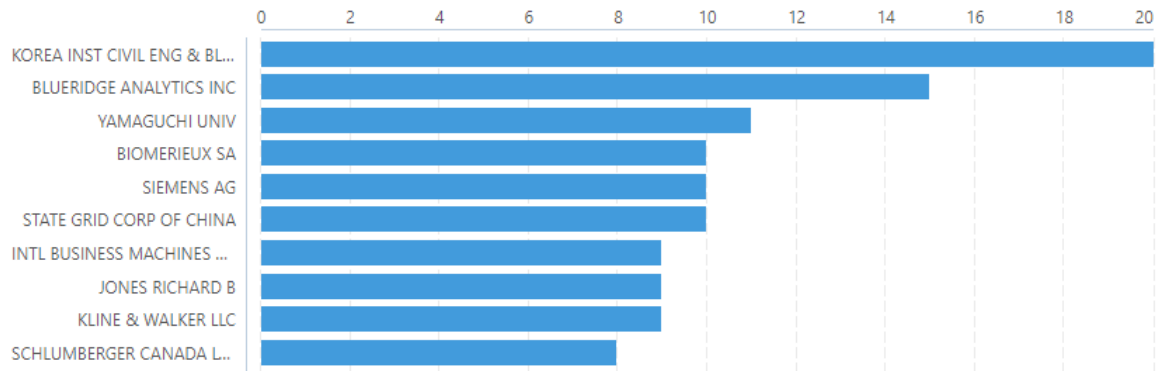


Gráfico 4. Top 10 de los mayores solicitantes (Fuente: IQ Plus)

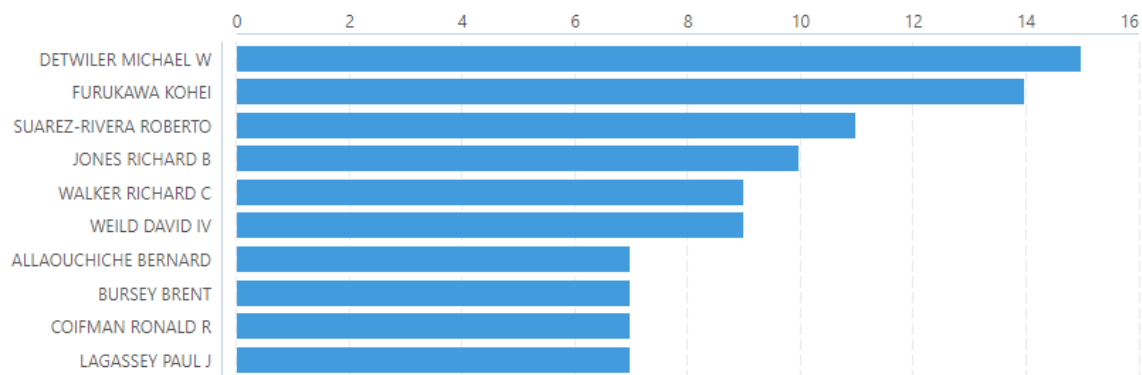


Gráfico 5. Top 10 del primer inventor con más patentes (Fuente: IQ Plus)

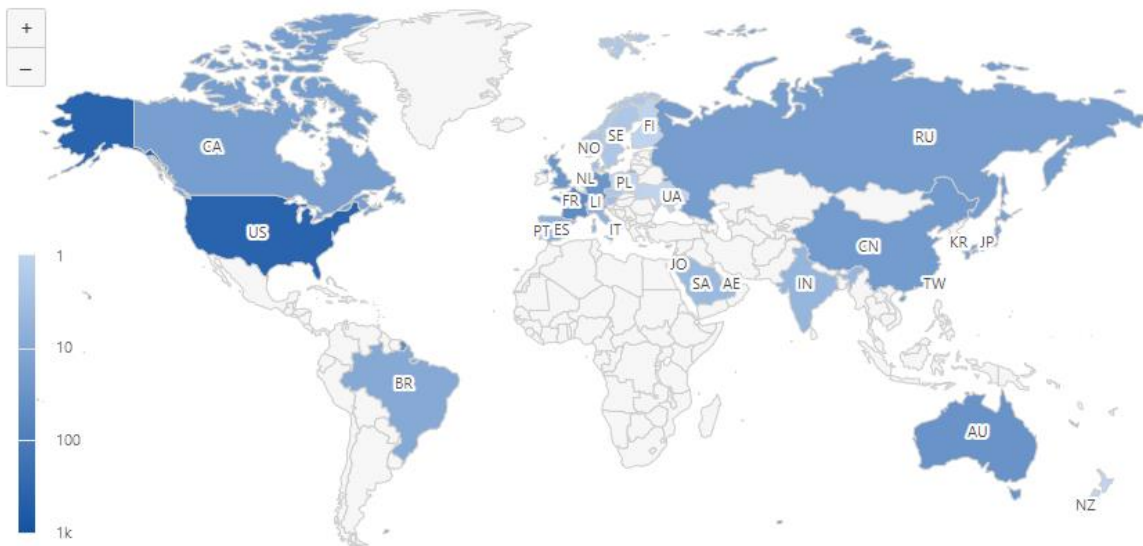


Gráfico 6. Mapa de patentes por el país de origen basado en el inventor (Fuente: IQ Plus)

## PATENT LANDSCAPES REPORTS

# Observatorio de ciencia métrica USTA

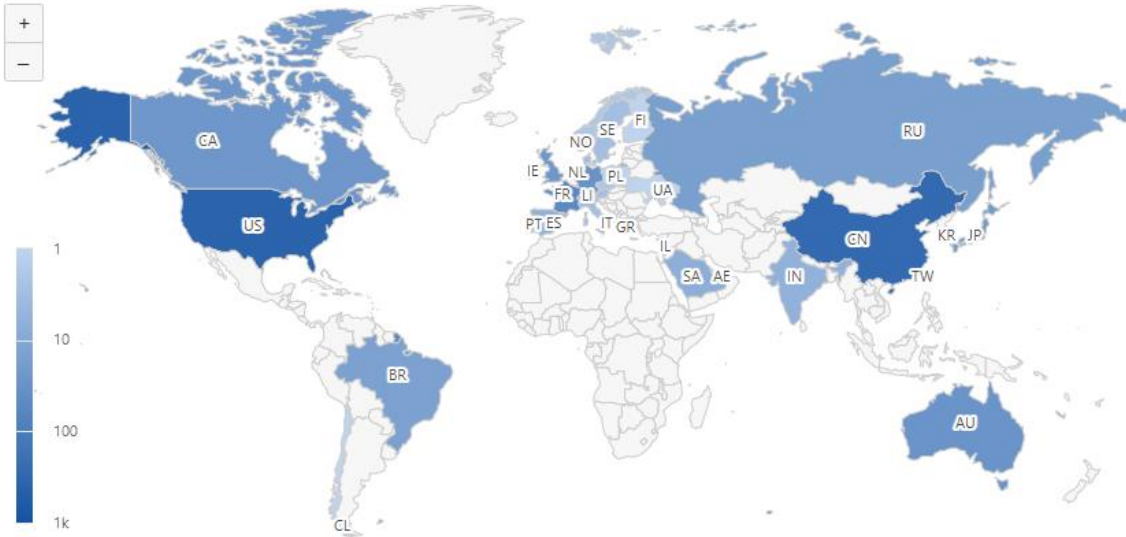


Gráfico 7. Mapa de patentes por el país de origen basado en el primer solicitante (Fuente: IQ Plus)

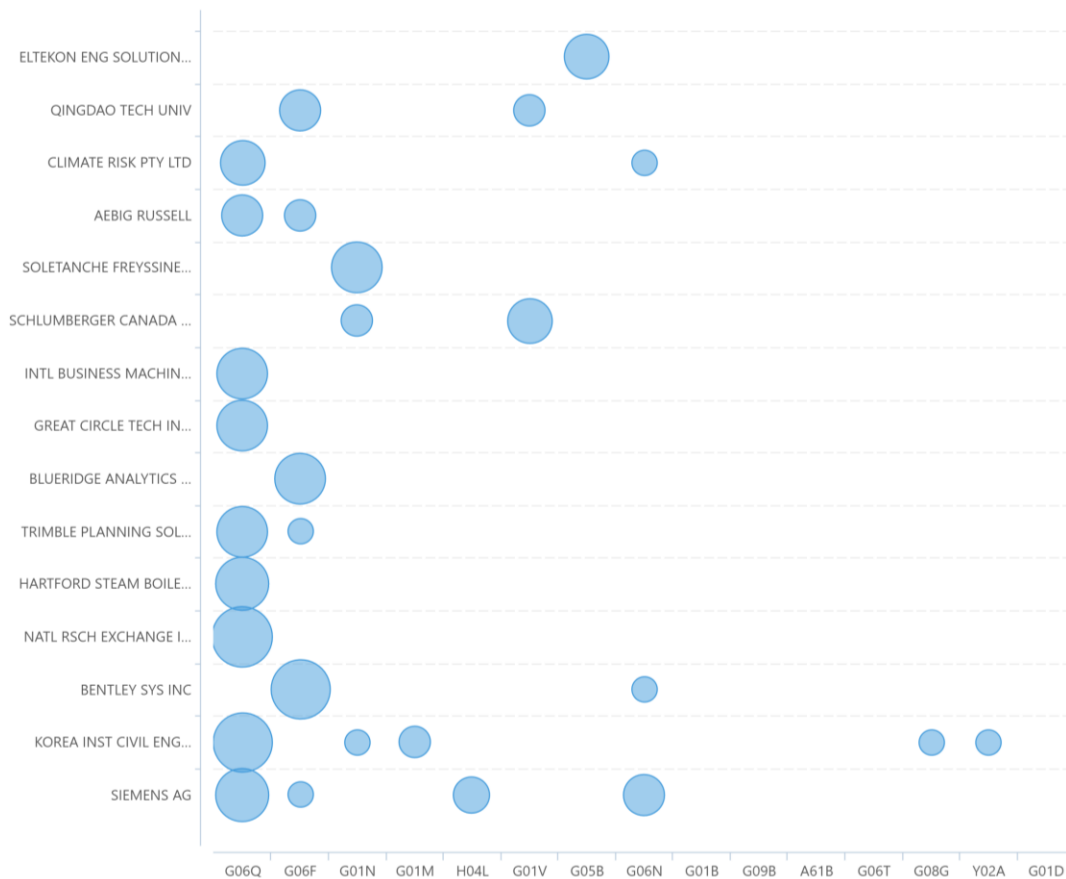


Gráfico 8. Primer cesionario por CPC (Fuente: IQ Plus)

## PATENT LANDSCAPES REPORTS

# Observatorio de ciencia métrica USTA



Tabla 1. Top 10 de las Patentes más recientes

Publication Number	Title	Publication Date	Application Number	Application Date	Earliest Priority Date	Current Assignee First	Ultimate Parent First	Inventor First
<a href="#">CN108956638A</a>	A kind of evaluation detection system for civil engineering structure visual defects	2018-12-07	CN 201810390546 A	2018-04-27	2018-04-27	UNIV HUNAN ARTS & SCIENCE	UNIV HUNAN ARTS & SCIENCE	HUANG ZHIGANG
<a href="#">TW200921553A</a>	A novel method of cultural assets evaluation and assessment for the artifacts, facilities, and development in civil engineering	2009-05-16	TW 96143325 A	2007-11-15	2007-11-15	KANG LAI-YUNG	KANG LAI-YUNG	KANG LAI-YUNG
<a href="#">US20100280862</a>	System and method of performing an engineering-based site development and risk assessment process	2010-11-04	US 12/798,523	2010-04-05	2003-10-20	BRYANT CONSULTANTS INC	BRYANT CONSULTANTS INC	BRYANT JOHN

## PATENT LANDSCAPES REPORTS

# Observatorio de cienciometría USTA



<a href="#">US2013015130</a> <a href="#">6</a>	System and method of performing an engineering-based site development and risk assessment process	2013-06-13	US 13/758,750	2013-02-04	2003-10-20	BRYANT CONSULTANTS INC	BRYANT CONSULTANTS INC	BRYANT JOHN
<a href="#">CN106407625A</a>	Civil engineering structure reliability evolution and residual life prediction method	2017-02-15	CN 201611035706 A	2016-11-23	2016-11-23	UNIV FUZHOU	UNIV FUZHOU	FANG SHENG EN
<a href="#">CN111058855A</a>	Deformation control method and evaluation system for shield underpassing structure	2020-04-24	CN 201911091899 A	2019-11-11	2019-11-11	BEIJING RESIDENTIAL REAL ESTATE DEV CO LTD	BEIJING RESIDENTIAL REAL ESTATE DEV CO LTD	FU CHUNQING
<a href="#">CN110222927A</a>	A kind of civil aircraft multiple faults risk identification assessment calculation method	2019-09-10	CN 201910352241 A	2019-04-29	2019-04-29	UNIV NANJING AERONAUTICS & ASTRONAUTICS	UNIV NANJING AERONAUTICS & ASTRONAUTICS	SUN YOUCHAO
<a href="#">KR101443312B</a> <a href="#">1</a>	Method for designing a building	2014-09-24	KR 2013-0043549 A	2013-04-19	2013-04-19	HYUNDAI ENG & CONSTRUCT CO LTD	HYUNDAI ENG & CONSTRUCT CO LTD	KIM MOON JEONG

## PATENT LANDSCAPES REPORTS



