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Phil Lewis CTO phil.lewis@pureinsights.com



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Document summary	PE/59/2018/REV/1 Vultilingual display
	0 J L 30, 31.1.2019, p. 1–57 (BG, ES, CS, DA, DE, ET, EL, EN, FR, GA, HR, IT, LV, LT, HU, MT, NL, PL, PT, RO, SK, SL, FI, SV)
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Filters       About 92.410 results         Q Search Filter       T-244/09         Location       Image: Community figurative mark accenture Global Services GmbH v Office for Harmonisation in the Internal Market (Irade Marks and Designs) (OHIM). # Community trade mark - Opposition pro Application for Community figurative mark accensa - Earlier Community and national word and figurative marks ACC and accenture - Relative ground for refusal - No likelihood of confusion - No similarity of signs - Article 8(1)(b) of Regulation (EC) No 207/2009) - Obligation to state reasons - Article 73 of Regulation No 207/2009. # Case T-244/09. TITJUR Accenture Global Services in Classes to 37, 41 and 42; German trade mark registration of the word mark ACCENTURE for goods and services in Classes 37, 41 and 42; Community trade mark registration of the word mark ACCENTURE for goods and services in Classes 37, 41 and 42; Community trade mark registration of the figurative mark accenture for goods and services in Classes 57, 41 and 42; Community trade mark registration of the figurative mark accenture for goods and services in Classes 57, 41 and 42; Community trade mark registration of the figurative mark accenture for goods and services in Classes 57, 41 and 42; Community trade mark registration of the figurative mark accenture for goods and services in Classes 57, 41 and 42; Community trade mark registration of the figurative mark accenture for goods and services in Classes to 37, 41 and 42; Community trade mark registration of the figurative mark accenture for goods and services in Classes to 37, 41 and 42; Community trade mark registration of the figurative mark accenture for goods and services in Classes to 37, 41 and 42; Community trade mark registration of the figurative mark accenture for goods and services in Classes to 37, 41 and 42; Community trade mark registreation of the figurative mark accenture for goods and se
Q Search Filter       T-244/09         Location       Image: Control of the General Court (Eighth Chamber) of 7 October 2010. # Accenture Global Services GmbH v Office for Harmonisation in the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark - Opposition proceed of the General Court (Eighth Chamber) of 7 October 2010. # Accenture Global Services GmbH v Office for Application for Community figurative mark accensa - Earlier Community and national word and figurative marks ACC and accenture - Relative ground for refusal - No likelihood of confusion - No similarity of signs - Article 8(1)(b) of Regulation (EC) No 207/2009) - Obligation to state reasons - Article 73 of Regulation Suva         Bruxelles/Brussel       General Court (Eighth Chamber) of 7 October 2010. # Accenture Global Services GmbH v Office for Application for Community figurative mark accenture - Relative ground for refusal - No likelihood of confusion - No similarity of signs - Article 8(1)(b) of Regulation (EC) No 207/2009) - Obligation to state reasons - Article 73 of Regulation Suva         Bruxelles/Brussel       Suva         Suva       Frankfurt am Main         Washington       Yiew all         View all       Yiew all         Database       A
Location       Image: Construct on the General Court (Eighth Chamber) of 7 October 2010. # Accenture Global Services GmbH v Office for Harmonisation in the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark - Opposition proceed on the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark - Opposition proceed on the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark - Opposition proceed on the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark - Opposition proceed on the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark - Opposition proceed on the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark - Opposition proceed on the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark - Opposition proceed on the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark - Opposition proceed on the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark - Opposition proceed on the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark second on the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark second on the Internal Market (Trade Marks and Designs) (OHIM). # Community trade mark second of confusion - No similarity of signs - Article 8(1)(b) of Regulation (EC) No 207/2009) - Obligation to state reasons - Article 73 of Regulation No 207/2009. # Case T-244/09. TITJUR Accenture Global Services v OHMI-Silve Properties (acsensa) German trade mark registration of the word mark ACCENTURE for goods and services in Classes of 37, 41 and 42; German trade mark registration of the figurative mark accenture for goods and services in Classes of 37, 41 and 42; Community trade mark registration of the figurative mark accenture for goods and services in Classes to 37, 41 and 42; Community trade mark registration of the figurative mark accenture for goods and services in Classes
Database A Feb 12,2021
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EU Law In Force   EU Whoiswho  About Featured Snippets • C
Corporate Author       Documents         Reset       ① Search results provided are not exactly the same as those on OP Portal         Court of Justice       ① Search results provided are not exactly the same as those on OP Portal         Court of Justice       Omega Commission         General Court       Council of the European Union       Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Services / OHMI-Silver Creek Properties (acsensa),. # Accenture Global Service

Judgment of the General Court (Eighth Chamber) of 7 October 2010. # Accenture Global Services

GmbH v,Office for Harmonisation in the Internal Market (Trade Marks and Designs) (OHIM). #...

\* \* \*

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Proof of concept





Office de l'harmonisation dans le marché intérieur (marques, dessins et modèles) (OHMI). # Marque...

Subject: matériau de construction, droit des marques, marque de l'UE, recours en

annulation (UE), Office de l'Union européenne pour la propriété intellectuelle, outil de

62006TJ0106

ECLI: ECLI:EU:T:2008:14

bricolage, outillage

Court of First Instance

Directorate-General for Agricultur e and Rural Development

~

View all





Proof of concept

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Raw
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3. The Republic of Turkey shall formally communicate to the EUPM and to the General Secretariat of the Council of the European Union <span class=\"highlighting\">the total amount of its contribution to the

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**V** {

# How was this done?

# "COGNITIVE SEARCH"

Cognitive Search uses AI technology such as Natural Language Processing (NLP), semantic understanding, machine learning and knowledge graphs to provide a cognitive search experience.



### NATURAL LANGUAGE PROCESSING



#### Text to annotate —

Gillian Russell was born in Invercargill. She is the CEO of Gingerbeard Limited and also the company secretary of Gingerbread Consulting Group. Gillian lives in Wokingham, UK with her husband Phil Lewis.





### **MODELLING KNOWLEDGE**

### **Generating Semantic Triples**



	Subject	Predicate	Object	
Semantic Triples	Gillian Russell	ORG-TOP-EMPLOYEES	Gingerbeard Limited	
	Gillian Russell	ORG-TOP-EMPLOYEES	Gingerbeard Consulting Ltd	
	Gillian Russell	PER-BIRTH-PLACE	Invercargill	
	Gillian Russell	PER-RESIDENCE	Wokingham, UK	
	Gillian Russell	PER_SPOUSE	Phil Lewis	

### https://projector.tensorflow.org/







# **AI - VECTOR SEARCH**

### word2Vec, Word Embeddings, BERT, RankBrain





# **AI - VECTOR SEARCH**

### word2Vec, Word Embeddings, BERT, RankBrain





# AI - VECTOR SEARCH

### word2Vec, Word Embeddings, BERT, RankBrain





# **Questions?**







## Search Relevancy Scoring OVER TIME





## Search Relevancy Scoring OVER TIME





## Search Relevancy Scoring OVER TIME



SEARCH ENGINE TUNING IS DIFFICULT • M • M • M • Tc -----Score

- Many parameters to change
- Many interactions between them all
- Too many parameters for humans to keep track of
- Goal seeking algorithms utilized to self optimise relevancy
- Plays with search parameters to find most optimal settings
- Requires a strong engine scoring methodology to start with



## AUTO OPTIMIZATION USING AI

### **Automated parameter optimization using AI – Requires Engine Scoring**

**Goal** : Automatically optimize Search Engine parameters for best engine scores.

If a customer had tried every single combination of parameter values, it would have resulted in more than 10<sup>27</sup> iterations!

#### Using "Simulated Annealing" goal seeking algorithms

We optimised the parameters by running just 3,000 iterations.

The optimum parameter set was found after 1,600 iterations overnight, and this resulted in:

- **22% increase** in Precision for the top 10 results.
- **37% increase** in Mean Average Precision for the top 10 results.
- **8% increase** in NDCG (*Normalized Discounted Cumulative Gain*) for the top 20 results.





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### AUTO OPTIMIZATION USING AI Simulated Annealing, Goal Seeking AI



# **Questions?**