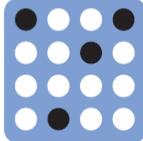
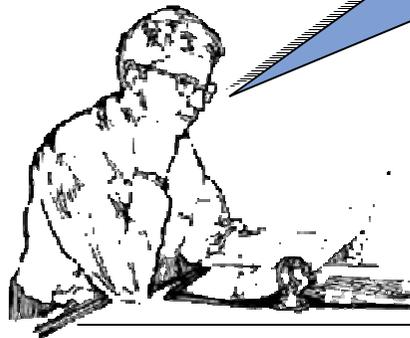
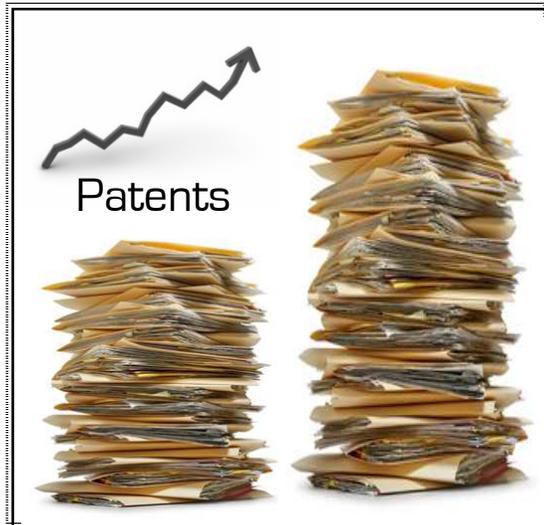


range.finder

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Objective



Patent Searcher

Complex queries with numeric ranges,
different units of measure

Units: Celsius, Fahrenheit, Mol
Numbers: 33 billion, four
Ranges: ten to 12 thousand



Invest € millions in
drug research?



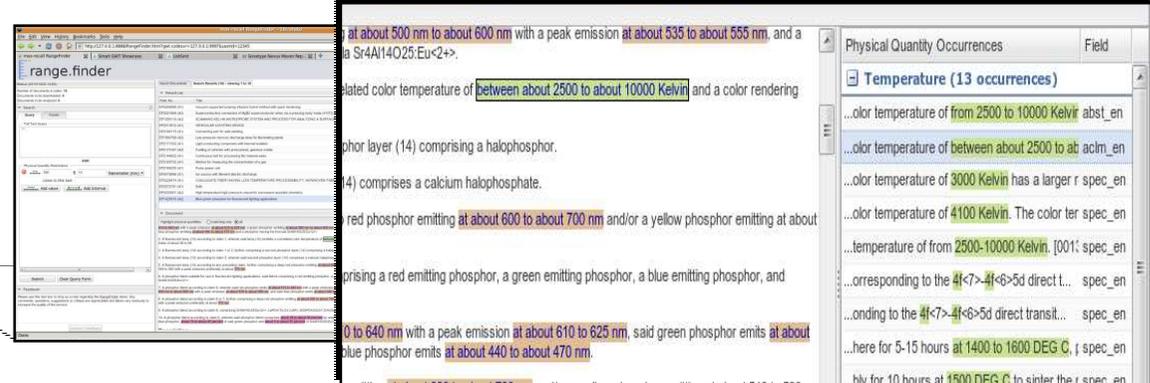
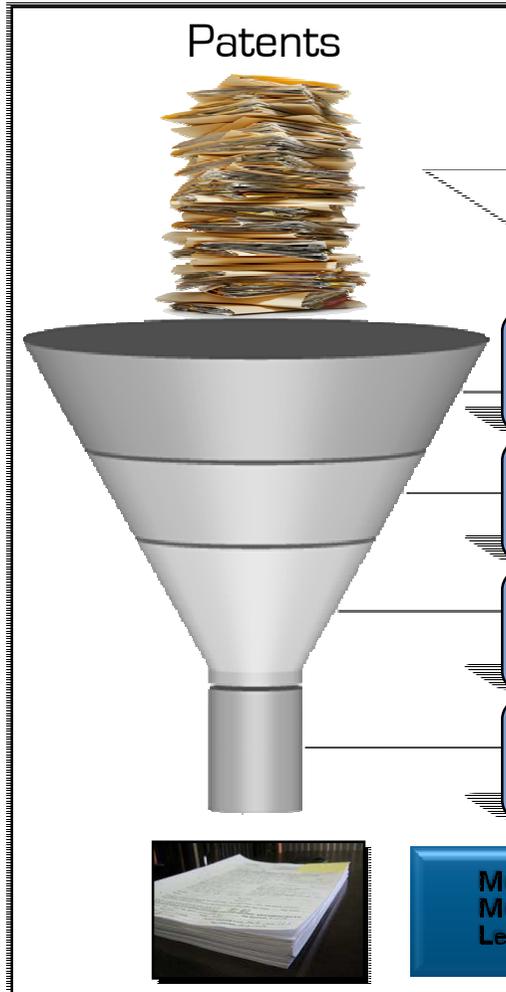
Successful patent
litigation?

Analysis: Biotech, Chemistry, Pharma

Measurements > 7 million in 55,000 patents
> 10,000 in some patents

High search effort

range.finder *alpha*

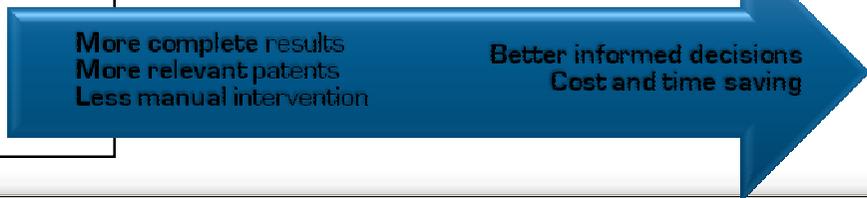


Patent searcher poses **range.finder** query
“> 100 mmol” “sodium phosphate buffer”

range.finder reduces to patents with
terms “sodium phosphate buffer”

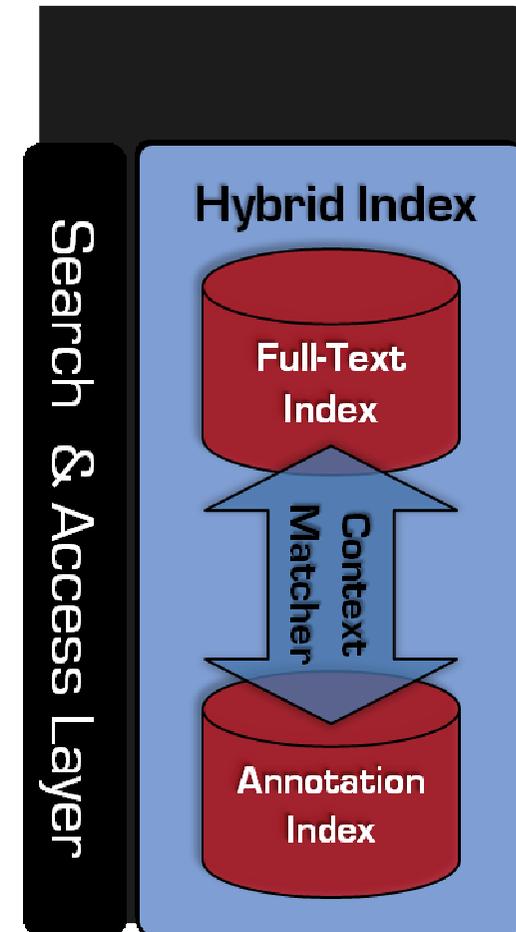
range.finder identifies patents
covering ranges of “> 100 mmol”

range.finder ranks annotated patents



Technological Features

- **User-defined** document collection
- **Multilingual** NLP process for flexible measurement identification
- Automatic value/unit **normalization**
- **Hybrid search** across text & units
- **Re-annotation** w/o original data



Text Analytics Process



Status

range.finder alpha available

test drive **range.finder** at our stand

- **Offers**

- numeric range queries
- cross unit querying
- full text querying
- faceted searching
- patent import via copy/paste

- **Supported Units of Measure**

- Temperature
- Length
- Time
- Chem. Amount
- Proportions

max recall

- Founded in 2010
- Based in Vienna, AT
- Team
 - Experts in (Patent) IR, Machine Learning and Language Processing
 - > 10 years in R&D
- Focus on Open Source Technologies
 - Apache Lucene/Solr and UIMA
- Offering
 - Consulting & Development services for **Content Analytics & Search** solutions
 - e.g. Vertical Search, Annotation, Categorization & Clustering, Sentiment analysis

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