



## Literature listing

### A B S T R A C T

**Keywords:**  
Patents  
Designs  
Trade marks  
Literature Listing  
Patent analysis  
Current awareness

The quarterly Literature Listing is intended as a current awareness service for readers indicating newly published books, journal and conference articles on: patent search techniques, databases, analysis and classifications; patent searcher certification; patents relating to a) life sciences and pharmaceuticals and b) software; patent policy and strategic issues; trade marks; designs; domain names; and articles reviewing historical aspects of intellectual property or reviewing specific topics/persons. The current Literature Listing was compiled mid-August 2015. Key resources used are Scopus, Digital Commons, publishers' RSS feeds, and serendipity! Please feel free to send the author details of newly published reports/monographs/books for potential inclusion.

## 1. Books

### 1.1. Recent reports and other monographs

Edible Oil Processing from a Patent Perspective. Dijkstra A.J., 2013, Springer US, ISBN: 978-1-4614-3351-4, 275 pages.

Innovation and Diffusion of Green Technologies: The Role of Intellectual Property and Other Enabling Factors. Lybecker K., Lohse S., 2015, Global Challenges Report, WIPO, Geneva, 44 pages.

Innovation, Competition and Collaboration. Beldiman D., 2015, Edward Elgar, Cheltenham, ISBN: 978-1-7847-1576-2, 176 pages.

Leveraging Patents Financially: A Company Perspective. De Vries D., Herstatt C., 2013, Gabler Verlag, ISBN: 978-3-8349-6903-3, 212 pages.

Managing the Legal Nexus Between Intellectual Property and Employees: Domestic and Global Contexts. Oswald L.J., Pagnattaro M.A., 2015, Edward Elgar, Cheltenham, ISBN: 978-1-7834-7925-2, 290 pages.

Patent Filing Strategies and Patent Management: An Empirical Study. Jell F., Henkel J., 2013, Gabler Verlag, ISBN: 978-3-8349-7118-0, 214 pages.

Patent Harmonisation: US & UK Study on Grace Periods. The Intellectual Property Office (UK IPO), 2015, 2015/40, ISBN: 978-1-9089-0887-2, 42 pages.

Patentrecherche und Internet. Bendl E., Weber G., 2013, 4th Edition, ISBN: 978-3-4522-7913-2, 248 pages.

Profiting from Innovation in China. Gassmann O., Friesike S., Beckenbauer A., 2014, Springer-Verlag, ISBN: 978-3-64230592-4, 129 pages.

The Intellectual Property and Food Project: From Rewarding Innovation and Creation to Feeding the World. Lawson C., Sanderson J., 2014, Ashgate Publishing Ltd, ISBN: 978-1-4094-6957-5, 260 pages.

## 2. Journals

The listing in this issue includes entries found using SciVerse Scopus™, Elsevier's abstract and indexing database which gives access to over 21,000 peer-reviewed titles from more than 5000 international publishers.

### 2.1. Search techniques, databases and analysis: classification: searcher certification

#### 2.1.1. Search techniques, databases

A concept ideation framework for medical device design. Hagedorn T.J., Grosse I.R., Krishnamurti S., 2015, Journal of Biomedical Informatics, 55, 218–230.

A flexible tool for cross-collection patent search. Marrara S., Pasi G., 2015, CEUR Workshop Proceedings, 1404.

A fuzzy inventive problem-solving approach for product design computer-aided system using multi-agent and fuzzy TRIZ. Chen R.-Y., 2015, Journal of Integrated Design and Process Science, 19 (1), 47–69.

A promising combination of approaches for solving complex text classification tasks: Application to the classification of scientific papers into patents classes. Hajlaoui K., Lamirel J.-C., Cuxac P., 2014, International Journal of Knowledge and Learning, 9 (1–2), 142–163.

A review of information resources on nanoscience, nanotechnology, and nanomaterials. Zibareva I.V., 2015, Scientific and Technical Information Processing, 42 (2), 93–111.

Automatic ontology generation from patents using a pre-built library, WordNet and a class-based n-gram model. Li Z., Tate D., 2015, International Journal of Product Development, 20 (2), 142–172.

Building Chinese semantic treebank for patent text on the basis of 3 dimensional dynamic concept model. Wang Y., Cai D., Feng H., Zhou Q., Wei M., 2014, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 8922, 369–379.

Categorizing the useful arts: Past, present, and future development of patent classification in the United States. Simmons H.J.E., 2014, Law Library Journal, 106 (4), 563–577.

Comparing data mining techniques for mining patents. Mattas N., Smarika, Mehrotra D., 2015, 5th International Conference on Advanced Computing & Communication Technologies [ACCT 2015], 217–221.

Completing keyword patent search with semantic patent search: introducing a semiautomatic iterative method for patent near search based

- on semantic similarities. Moeller A., Moehrle M.G., 2015, *Scientometrics*, 102 (1), 77–96.
- Innovation design of medical equipment based on TRIZ. Gao C., Guo L., Gao F., Yang B., 2015, *Technology and Health Care*, 23, S269–S276.
- Joint model for feature selection and parameter optimization coupled with classifier ensemble in chemical mention recognition. Ekbal A., Saha S., 2015, *Knowledge-Based Systems*, 85, 37–51.
- Managing technological knowledge of patents: HCOntology, a semantic approach. Bermudez-Edo M., Hurtado M.V., Noguera M., Hurtado-Torres N., 2015, *Computers in Industry*, 72, 1–13.
- Method and application of patent design around based on TRIZ. Jiang P., Zhang R.-H., Sun J.-G., Tan R.-H., 2015, *Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems [CIMS]*, 21 (4), 914–923.
- Method and application of patented design around by combination of IPC cluster analysis and TRIZ. Jiang P., Wang C., Sun J., Tan R., 2015, *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, 51 (7), 144–154.
- Novel word features for keyword extraction. Chen Y., Yin J., Zhu W., Qiu S., 2015, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 9098, 148–160.
- Retrieval and analysis of chemical substance and patent information to support creation and selection of nonproprietary names. Commentary. D'Ambra A.J., 2015, *Pharmaceutical Patent Analyst*, 4 (4), 241–245.
- Statistics and analysis of coordination structures in patent text. Wei M., Zhang G., Zhou Q., Wang Y., Huang H., 2014, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 8922, 380–389.
- Technology prospecting for high tech companies through patent mining. Hong-wei Zhao, Lin Feng, Bin Wu, Bo Jin, 2014, *IEEE International Conference on Data Mining [ICDM 2014]*, 220–229.
- The INIS collection search – insights and case studies on new developments [Die INIS Collection Search – Einblicke und Fallbeispiele zu neuen Entwicklungen]. Von Nowak L., 2015, *VOEB-Mitteilungen*, 68 (1), 45–54.
- The Termulator: Terminology recognition based on chunking, statistical and search-based scores. Meyers A., He Y., Glass Z., Babko-Malaya O., 2015, *CEUR Workshop Proceedings*, 1384 (January), 34–43.
- ### 2.1.2. Analysis and statistics
- Patent Landscape Report on Assistive Devices and Technologies for Visually and Hearing Impaired Persons. Solomon N., Bhandari P., 2015, WIPO Publication No. 949/1E, ISBN: 978-9-2805-2165-8, 171 pages.
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- A concept for the exploratory visualization of patent network dynamics. Windhager F., Amor-Amoros A., Smuc M., Federico P., Zenk L., Miksch S., 2015, *Proceedings of 6th International Conference on Information Visualization Theory and Applications [VISIGRAPP IVAPP 2015]*, 268–273.
- A new wrapper scan chain balance algorithm for intellectual property in SoC. Zhu A., Li Z., Xu C., Zhu W., 2014, *Open Electrical and Electronic Engineering Journal*, 8 (1), 42–49.
- A study of patenting on water and wastewater treatment technologies [Estudio de patentes sobre tecnologías para tratamiento de agua y el agua residual]. Gonzalez-Cabrera O., Ruiz-Perez T., Claro-Perez M., Perez-Pino N.M., Perez-Galvez G., Collazo-Alfonso L., 2014, *Transinformacao*, 26 (3), 339–347.
- A survival analysis on fuel cell technology patent maintenance and values exploration between 1976 and 2001. Tsang S.-S., Chang F.-C., Wang W.-C., 2015, *Advances in Materials Science and Engineering*, 2015, 387491, 9 pages.
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- ASP, the art and science of practice: How analytics practitioners can learn from published patents and protect their work. Milne R.J., Denton B.T., White T., 2015, *Interfaces*, 45 (3), 271–277.
- Balancing basic and applied research outputs: a study of the trade-offs between publishing and patenting. Berbegal-Mirabent J., Sabate F., 2015, *Technology Analysis and Strategic Management*, <http://dx.doi.org/10.1080/09537325.2015.1060313>.
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- Decomposition analysis of green chemical technology inventions from 1971 to 2010 in Japan. Fujii H., 2015, *Journal of Cleaner Production*, <http://dx.doi.org/10.1016/j.jclepro.2015.07.123>.
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